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INDEXED.



U. S. Department of Agriculture.

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ESTABLISHED  
1865

INCORPORATED  
1887

# **YOUNG'S GARDEN BOOK FOR 1916**

## **YOUNG'S SEED STORE**

1406 OLIVE STREET

GREENHOUSES, OLIVE AND PRICE ROADS, OLIVETTE, MO.

**ST. LOUIS, MISSOURI**

# TWO SUPERB NEW ROSES

**T**HE two varieties of Roses shown in color on the front cover of this catalogue, have been selected from the many sorts introduced during the past five or six years, because we believe them to be among the best of the Climbers and Hybrid Teas, and well adapted to general planting in this part of the country.

## CLIMBING AMERICAN BEAUTY

Of all the climbing Roses introduced since the old Crimson Rambler made its appearance, not one is superior to the Climbing American Beauty—in fact some Rose fanciers say that it is the “best of all.” No variety exceeds it in the number of flowers, for it literally produces *hundreds* of blooms at one time, and continues to bloom for several weeks. The flowers are very much like the bush American Beauty both in form, fragrance and color—a rich pink which turns to crimson in the older blooms. This Rose is perfectly hardy and can be grown in almost any part of the country without protection. We offer this season three distinct sizes:

Two-year-old plants, 75 cts. each, 3 for \$2.00

One-year-old plants, 50 cts. each, 3 for \$1.25

3d size, from 3-in. pots, 25 cts. each, 3 for 65 cts.

## SUNBURST

This Hybrid Tea Rose has fairly leaped into favor since its introduction a few years ago,—yet many growers of Roses are not familiar with its merits. It is a peculiarly useful variety, for it will grow and bloom freely in the greenhouse and out-of-doors. The buds are long and pointed, opening into large flowers of an intense orange-copper and golden yellow—a color difficult to describe or reproduce, yet extremely brilliant and attractive. In hardiness it is the equal of any of its class, but should be given a little protection in winter. Sunburst ought to be in every western Rose-garden and our prices will permit everyone to have it.

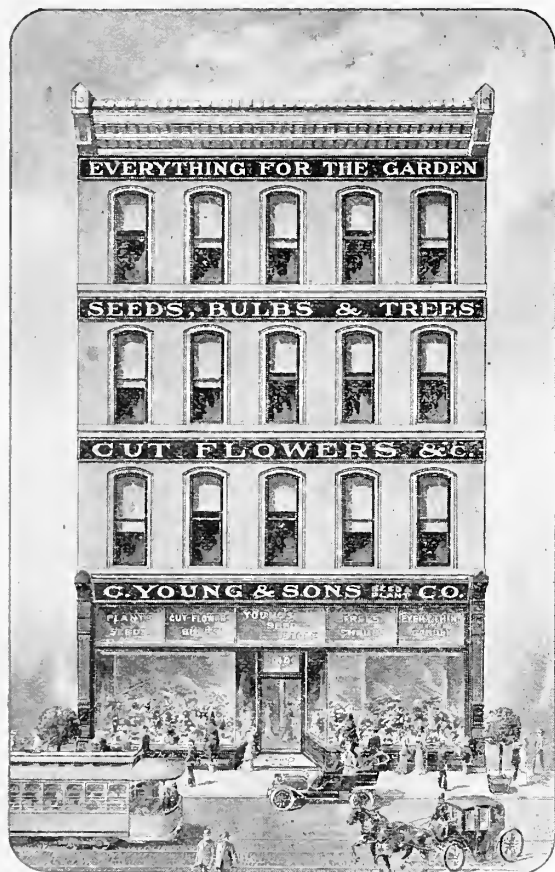
Extra-large plants, 50 cts. each, 3 for \$1.25

2d size plants, 25 cts. each, 3 for 65 cts.



Established  
1865Incorporated  
1887

## Fifty-one Years in Business

INDEXED  
Capital  
Stock  
Paid Up  
\$10,000

## The Growth of Young's Seed and Plant Business



HAVE you ever thought that the two great principles on which a successful seed business is founded are **knowledge** and **confidence**? And that confidence, the cornerstone, is put into the foundation by the customer. Every packet of seed you buy of us indicates your confidence in us as business men, and in the quality of the seeds and plants we send out. Whether you buy a packet or a peck of seeds you cannot tell from their outward appearance whether a single grain will grow or not. Live seeds and dead ones, true variety or mixture, are identical in appearance—even a microscope will not tell the story.

It won't be of any use to put the seed in the ground, for, when you find out that the seed is not right, it will be too late to remedy the mistake, and probably the season will be too far advanced to make a second planting. Now, it is to your interest from a financial standpoint to buy only seeds that are right and that you can depend on. Here is where the seedsman's **knowledge** comes into the transaction. If he is an honest dealer he will take every possible means to be sure that the seeds which he offers to you are of the right variety—the kind you ordered, not something which he wants to sell—that they have life, and are vigorous enough to grow into sturdy plants after they have pushed their way up to the sunlight.

This knowledge comes to the seedsman in various ways—from watching the plants in the field before the seed is gathered; from making sure that the seed is grown under conditions suited to the special needs of the variety or family; that the ripened seed is harvested at the proper time, cleaned carefully, stored in a dry place, and cared for with such skill that there will be no loss of germinating power. The careful seedsman tests a sample of every variety before sending it out to his customers. All these precautions are taken for your benefit, but, in addition to these visible things, there is a knowledge that is gained only by years of experience in handling seeds; for a good seedsman can tell from a mighty small sample whether the seed is up to grade or not.

It is not an idle boast when we say that we know good seeds and plants. Fifty-one years ago we started this business with our

father, Christopher Young, as our instructor. He was a practical gardener and seedsman, and though the business at that time was very small, our seeds and plants soon made a reputation, and in a few years "Young's plants" were known over a large territory. We grew plants and seeds just as well as we knew how, and when our name went on a box of plants or a packet of seeds we stood back of it and said: "It is the best you can buy anywhere at any price"—and we stand back of our goods today with the same guarantee.

About 1870 we published our first catalogue, a little sixteen-page list not much like Young's Garden Book of the present. But the catalogue told, in a modest way, the story of how we grew our plants, how we gathered and cared for the seeds, and it brought many customers—some of them have bought of us year after year since that time.

In our store, located at 1406 Olive St., which is the only one operated by our Company, is contained our Cut-flower and Seed Departments.

In our Cut-flower Department will be found at all times the most complete stock of all the latest and choicest varieties of cut-flowers, hundreds of orders being filled and delivered each day, not only in the city but to our many out-of-town customers who realize the importance of purchasing Young's cut-flowers.

In our Seed Department are the stock rooms for storing of our immense stock of seeds, packing rooms where the seeds are measured and weighed and put in the packages bearing our name.

Our slogan of **DON'T BUY OLD SEEDS, BUY YOUNG'S**, will be quickly realized by placing your order with us.

During the past summer we decided to discontinue our greenhouses located on Waterman Ave. Owing to the fact that the property on which they were located being sold for building purposes and altogether too valuable for the growing of seeds, plants, etc., we have purchased during the past summer twenty-five acres of ground at Olivette, Mo., near the Olive and Price Roads, where we have erected a modern range of greenhouses, several views of which we show on the inside of the back cover.

These iron-constructed greenhouses represent a cost of \$15,000, giving us greater facilities for the growing of cut-flowers, roses, plants and bulbs for our catalogue trade, and at the same time being one of the most complete ranges of greenhouses west of the Mississippi, being far removed from the smoke and dirt of the city which greatly bothered us in our old location.

We can safely say that our stock has never been in better condition than it is this season and we are now better able than ever before to fill orders entrusted to us with a better grade of stock and more promptly than we have done in the past.

**SPECIAL NOTICE.**—As there are several firms masquerading under our name, or as near to it as possible, we would call special attention to the fact that all orders, letters, etc., should be addressed to "C. YOUNG & SONS COMPANY" or "YOUNG'S SEED STORE," 1406 OLIVE ST., ST. LOUIS, MO. Either way will reach us safely.

To our many friends and customers we wish to extend our many thanks and appreciations for their many past favors they have shown us and trust that we may have the continuance of their future patronage.

C. YOUNG &amp; SONS SEED AND PLANT CO.

CHAS. C. YOUNG, Pres. and Treas.

JAS. YOUNG, Vice-Pres.

WALTER J. YOUNG, Secy.

# GET YOUR OWN PLANTS FREE

## See Club Offer Below

Follow these Directions and make it easier for us to fill your orders quickly. Write your full name and address plainly as it will prevent mistakes.

**How to Send Money**—Never send loose silver unless it is well-wrapped in heavy paper, and then it must come at your risk. The best way is to use a Post-Office or Express Money-Order, Bank Draft, or if you reside within 100 miles of St. Louis, your personal check will be acceptable. Stamps up to amounts of \$1 accepted, also.

**Free Delivery**—On small quantities of vegetable and flower seeds, our prices cover free delivery by mail or express. This applies to all seeds by the packet, ounce or quarter-pound, and to peas, beans and corn by the pint or quart.

**When to Order**—We are prepared to ship all orders immediately, except some varieties of plants which are not seasonable in the early part of our shipping season. If you desire we will hold these for shipment at the proper time. Please advise us in regard to this.

**All Orders Promptly Filled**—In case of necessary delay you will be notified at once. If you do not hear from us in regard to your order within a reasonable time, write us full particulars as regards the sending of the money, etc.

**Free Packing**—We make no charges for boxes, sacks, barrels or packing.

**About Mistakes**—We hate mistakes worse than you do. If we should make one, write us immediately and we will straighten it out to your entire satisfaction.

**Ship By Express Where Possible**—Plants travel better and we can leave more soil on the roots than if they go by mail. Where it is not feasible to send by express, Parcel-post offers us an opportunity to reach you anywhere you live.

**Disclaimer**—While we exercise extreme care in the filling of all orders for seeds, bulbs, and plants, they are, after being put into the ground, subject to climatic conditions over which we have no control; therefore, C. Young & Sons Co. give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be refused.

## Discounts, Premiums and Terms to Clubs

Every satisfied buyer and user of Young's Seeds and Plants is a living recommendation of our goods and our business methods—glad to do us a good turn whenever possible by speaking a word for us to someone else. We appreciate this kindness, but we don't want it to be one-sided. We want to do our part, too, by making it worth while for our customers to interest their friends in Young's Seeds. We have, therefore, made up a plan whereby they can work for us and at the same time provide themselves with plants without expense.

**How To Do It.** Send for extra copies of our Catalogue; distribute them among your friends and get up a club order for our plants at the prices we quote. For your trouble in the matter we will give you extra plants at the following rates:

\$3.00 order select to the value of \$3.50—a profit of .....	\$0.50	\$20.00 order select to the value of \$25.00—a profit of ..	\$5.00
5.00 order select to the value of 6.00—a profit of .....	1.00	50.00 order select to the value of 65.00—a profit of ..	15.00
8.00 order select to the value of 10.00—a profit of .....	2.00		

Although we send some extras of our selection with every order, we offer no premiums on orders amounting to less than \$3, and these reductions do not apply to the special offers or collections offered in this Catalogue at reduced prices.

## DISCOUNTS ON FLOWER AND VEGETABLE SEEDS IN PACKAGES ONLY

On all orders for seeds in packets, you may select 25cts. worth extra for each \$1 sent us. Thus, if you send an order for \$1, you may select seeds in packets amounting to \$1.25; for \$2, seeds in packets to the value of \$2.50; and so on.

**SPECIAL NOTICE.**—The above reductions apply to seeds in packets only. Seeds in bulk are at net cash prices. The above discounts do not apply to Grass Seed, Field Seeds, Potatoes, Fertilizers, Shade or Fruit Trees, or California Privet.

**Liberal Cash Premiums**—Those who prefer to be paid in cash for their services in securing club orders for us, may deduct the amount from the remittance instead of ordering plants to the full amount.

**How to Send Club Orders**—Keep each person's order separate, giving his or her full name, with the amount of the order; then make your selection of the amount due you, naming plants desired as your discount, and signing your name as getter-up of the club.

**Remember** that the getter-up of the club is entitled to all discounts. We cannot allow each member of the club to select discounts, and then allow the getter-up of the club to select another discount. We will, however, add one plant for each dollar's worth that any one member of your club may send.

**How We Pack Club Orders**—Each person's plants will be packed separately with his or her name attached, and the whole order sent to your address, so you will have nothing to do but to deliver the bundles. If the plants are to go by mail, we will send each person's package direct, if the orders amount to \$1 or more each.

## POSITIVELY NO DISCOUNT ALLOWED ON ORDERS NOT ACCOMPANIED BY CASH

The above liberal offers apply only when the money accompanies the order. We can afford to make these discounts only because they save us the trouble of opening book or charge accounts during our rush season. All charge orders must be filled at the net prices given in this Catalogue.



# YOUNG'S

## STANDARD VEGETABLE

# SEEDS

In the following list of vegetable seeds are included all varieties of merit which have been tested and found satisfactory.

Great care has been exercised in growing our seeds; they have been thoroughly re-cleaned and tested, and, in filling orders, every precaution is used to prevent errors. Our prices are as low as good seeds can be sold for and allow a reasonable profit. Your orders are safe in our hands.

**Good Seeds** cost more to raise than the ordinary sort and our seeds are grown on a basis of quality; our costs on good seeds are right, and we cannot be undersold when this feature is taken into consideration.

**Young's Seeds** satisfy the careful gardener.

**FREE DELIVERY FOR 1915. WE DELIVER SEEDS, FREE BY MAIL, IN PACKETS, OUNCES, QUARTER POUNDS AND POUNDS.**

**Seeds can be sent by Mail** in any quantity up to 20 pounds. We prepay mail or express charges on all vegetable and flower seeds purchased from this catalogue in packages, ounces, quarter pounds and pounds and on Peas, Beans and Corn in pints and quarts.

If purchasers wish to pay their own transit charges they may deduct 10 cents per pound on bulk seed, and 10 cents per pint and 15 cents per quart on Peas, Beans and Corn, from prices quoted.

### ASPARAGUS

Contrary to the idea held by many people, Asparagus is one of the easiest grown, and deservedly popular of early vegetables. The tender, deliciously flavored tips appear early in the spring before many other vegetables are ready, and if kept cut they continue to form for several weeks. Enough Asparagus for the use of the average family can be grown in small place, while one or more rows across the garden or in a field can be made very profitable as a market-crop.

Asparagus can be grown from seed very easily and will be ready for use the second or third year. The seed is sown the same as onion seed, either in good rich soil in the permanent bed or in a seed bed from which the plants can be moved after the first year. Cultivate carefully the first season, after which it practically takes care of itself.

**INSTRUCTIONS FOR GROWING ASPARAGUS**—We issue a special leaflet giving detailed instructions for growing asparagus, which we will be glad to send to any one on request.

### ASPARAGUS SEED

**Barr's Mammoth.** A well-known and popular variety which commands unusually good prices at market. Tips large, thick and tender; sometimes nearly an inch in diameter. Pkt. 5c, oz. 10c, ¼lb. 30c, lb. 85c.

**Bonvallet's Giant.** With us this has proven one of the best varieties for home use or for market. A very good yielder, with purplish green shoots, attains large size, and is of a delicious flavor. Pkt. 10c, oz. 20c, ¼lb. 50c.

**Columbian Mammoth White.** The interesting feature of this variety is the fact that it produces white stalks above the ground without blanching; these are tender, of delicious flavor and of good size. Pkt. 5c, oz. 10c, ¼lb. 25c, lb. 65c.

**Conover's Colossal.** A good standard variety, having large, delicious tips of fine quality; tender, productive. Pkt. 5c, oz. 10c, ¼lb. 25c, lb. 65c.

**Palmetto.** A large, early, productive variety bearing thick, dark green shoots, distinctly pointed. A vigorous grower. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 55c.

### TWO-YEAR ASPARAGUS ROOTS

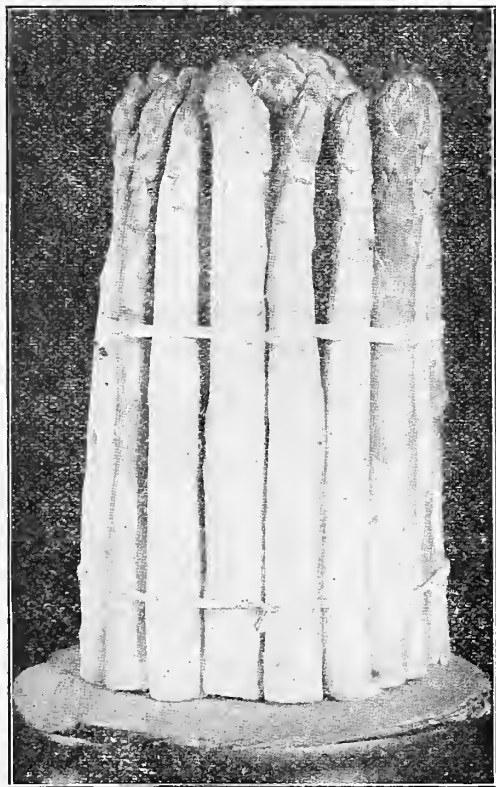
You can save two to three years by planting Asparagus roots instead of seed. We recommend the following select, strong two-year roots, carefully packed, as the most economical. Unless otherwise instructed, we ship by express or freight at purchaser's expense, in quantities of over one dozen. Our dozen price is for roots by mail, postpaid. If for any reason larger shipments must go by mail, add at the rate of 50c per 100 to prices quoted below. See descriptions above.

	Doz.	100	500
<b>Barr's Mammoth</b> .....	\$0.30	\$1.00	\$3.75
<b>Bonvallet's Giant</b> .....	.35	1.25	4.50
<b>Columbian Mammoth White</b> .....	.30	1.00	3.75
<b>Conover's Colossal</b> .....	.30	.90	3.50
<b>Palmetto</b> .....	.30	1.00	3.75

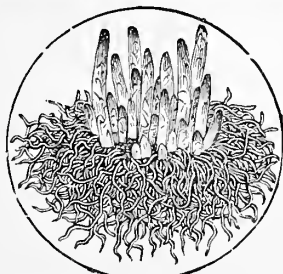
Argyle, Ia., April 22, 1914.

I received the plants and seed alright and am much pleased with them, also the bulbs I bought of you last fall were fine. Many thanks for same. Very respectfully,

Rosa Newberry.



New Asparagus—Bonvallet's Giant.



Asparagus Roots, 2 Years Old.



## YOUNG'S EXTRA SELECTED BEANS

We are proud of our strains of Beans. They have been evolved by the best growers of this country, are critically rogued year after year, are always hand-picked, and we are satisfied that better Beans cannot be bought anywhere.

### SHORTAGE OF BEANS

There never was a time when Seed Beans of the green and wax-pod varieties were as scarce as now. This is due to conditions during the growing season of 1915, when blight and disease caused many crop failures, and in some instances the Seed Growers did not get back one-half the quantity of seed planted. This has caused an advance in prices, and our offers of Beans are made on condition that stock in unsold upon receipt of order. We advise customers to secure their seed beans by ordering early, before our stock is exhausted, as we fear that it cannot be replaced.

### DWARF BUSH OR SNAP

**Young's Improved Extra-Early Red Valentine.** Unexcelled for snaps. Preferred by many to the wax varieties. Vigorous-growing vines, bearing many long, roundish pods, deeply creased; fleshy, crisp, and tender. The Beans are fairly large, pink, marked with red. This variety maintains all the strong points of the various Valentine strains now on the market. Pkt. 15c, pt. 30c, qt. 55c.

**Burpee's Stringless Green-Pod.** Very early and productive, handsome and of first quality. A fine variety to plant for successive crops; may be grown in this way until killing frost. Pods average 6 inches or over in length; round, thick and meaty, entirely stringless even at maturity. Pkt. 15c, pt. 40c, qt. 75c.

**Round-Pod Valentine.** An early green-podded variety; beans red at maturity. Matures in about forty-three days from germination. Vine erect, pods medium size, fleshy, crisp and tender. Pkt. 15c, pt. 30c, qt. 55c.

**Long Yellow Six-Weeks.** A fine, early string bean. Flat light green pods, often measuring 8 inches in length; early and productive; quality the best. Pkt. 15c, pt. 30c, qt. 55c.

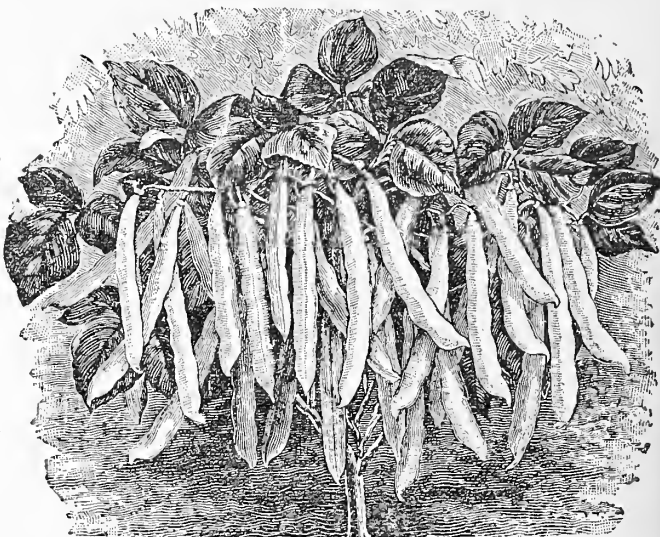
### DWARF WAX BEANS

**Young's Golden Wax.** A strong grower, very vigorous and free from rust. Pods fleshy and large; rich yellow color; fine quality and entirely stringless. Plant will keep on setting and maturing new Beans until frost if the pods are kept picked off. Pkt. 15c, pt. 40c, qt. 75c.

**Improved Golden Wax.** An improved strain of Golden Wax. Hardy, prolific, best quality; pods long and thick; a fine, erect grower. Pkt. 15c, pt. 40c, qt. 75c.

**Davis Kidney Wax.** Very hardy and productive, with long, white, crisp, tender pods. Vine is not subject to rust. A vigorous grower, yielding pods in clusters. Beans white, unexcelled for canning or general use. Pkt. 15c, pt. 35c, qt. 65c.

**Dwarf Black Wax.** A notably good bearer. Pods golden yellow, round, brittle, of buttery flavor when cooked. A good old standard variety which should be included in every order. Pkt. 15c, pt. 35c, qt. 65c.



Young's Improved Extra Early Valentine.

### BUSH LIMA BEANS

**Burpee's Bush Lima.** Stout, erect plant, 18 to 20 inches high, heavily branched. Each branch is thickly set with pods containing three or four good sized beans apiece, which are of delicious flavor when cooked. Pkt. 15c, pt. 30c, qt. 55c.

**Henderson's Bush Lima.** An erect grower, some 18 to 20 inches high, requiring no support. Fair-sized beans, with the true, rich, buttery Lima flavor when cooked. These mature about two weeks earlier than the Pole Lima. Pkt. 15c, pt. 30c, qt. 55c.

### POLE LIMA BEANS

The seed of Lima Beans rots very easily in cold, wet ground and should not be planted until after warm weather has set in. Our tests have proved the following varieties best for general planting.

**Large White Lima.** The regular and well-known Lima or Butter Bean. Quite early and an enormous producer, though the Beans themselves are rather small. A sure cropper and a thoroughly good, all-round variety. Pkt. 15c, pt. 30c, qt. 55c.

**King Lima.** Strong grower with large pods, often containing five or six Beans each. Of first quality, easily shelled, large and handsome. Good for home or market. Pkt. 15c, pt. 30c, qt. 55c.

Irving, Ills., April 30th, 1914.

Just received my ivy vines and am well pleased with them. Will send you another order soon. Respectfully,

Mrs. Steve Brown



Beans, Burpee's Dwarf Bush Lima.



## POLE BEANS

Pole beans as a rule take more beat and richer ground than the bunch beans. Don't plant till the ground is warm, say just after corn planting time. Plant in hills three feet apart each way, and put in several seeds to each hill, but when they get up a few inches high thin them out to three in a hill. Plant them in the richest, warmest soil you have.

The beauty of the pole bean is that they bear much heavier than the bunch beans, and keep on bearing all Fall. They are much more work and not so early as the bunch beans, but the enormous yield and high quality will well repay you for all your trouble. Many of the varieties of the highest quality can be had only in the pole form. They can be used either as green beans to cook pod and all, or they can be left for shell beans.

**KENTUCKY WONDER OR OLD HOMESTEAD.** An old favorite, with long, fleshy, deeply saddle-backed pods. Very prolific, producing an abundance of fine, stringless, crisp beans until late in the season. Of best quality. Very early, and the best to use in the green state. Per pkt. 15c, pt. 30c, qt. 55c.

**LAZYWIFE.** So named on account of the large number of pods it affords, making it easy to obtain a supply. One of the best varieties for snaps of the late green-podded pole beans. The pods grow in large clusters, are five to seven inches long, broad, thick, fleshy, and entirely stringless. They have a rich, buttery flavor. The dry beans, which are white, are fine for winter use. Per pkt. 15c, pt. 30c, qt. 55c.

**CUTSHORT OR CORNHILL.** This is an old variety that is a favorite for planting in corn. Pod is slender and round, and seed is small, speckled and crowded in the pod. Great to bear and a good sort. Per pkt. 15c, pt. 30c, qt. 55c.

**WHITE CREASEBACK.** Has a small, straight, round pod, very tender, meaty and great to bear. The pods are exceptionally tender and nice for string beans. Also the seed being pure white are nice to put away dry for winter use. Per pkt. 15c, pt. 30c, qt. 55c.

## BRUSSELS SPROUTS

A variety of the Cabbage family, possessing the peculiarity of bearing upon its stem or stalk from 50 to 100 buds resembling miniature Cabbage heads. The leaves composing these heads resemble Savoy Cabbage in their crumpled texture and also in their color. The heads, or buds, from 1 to 2 inches in diameter, form one of the most delicious garden vegetables, only equaled by the Cauliflower. Treat same as cabbage. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ -lb. 60c.

## SWISS CHARD or SPINACH BEET

This variety does not produce an edible root like the regular garden beet, but is highly esteemed for the broad, white leaf stalks and midribs which are cooked and served in the same manner as asparagus, making a most delicious vegetable. The leaves are also cooked like spinach and considered equally as palatable. Two separate dishes may thus be grown from one plant at the same time. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 75c.

## BROCCOLI

This plant is very closely allied to the cauliflower, the variation being very slight. It is generally considered rather more bardy, however.

**EARLY LARGE WHITE.** Heads medium size, close and compact. One of the most certain to head. Pkt. 10c, oz. 30c,  $\frac{1}{4}$ -lb. \$1.00.



Crimson Globe Beet

Allow me to thank you for the prompt delivery of my seeds and roses. I expect to enjoy watching all grow soon. Mrs. Fred. L. Morris, Lawrence, Kansas, March 25th, 1914.



## TABLE BEETS

**CULTURE.** For earliest use and market sow seed of any round sort under glass, in February or March, and transplant to open ground in March or April. Seed for main crop may be sown as soon as ground can be gotten in proper condition. For table beets sow in drills 18 inches apart, and thin to stand 3 to 4 inches apart in the rows. Use 1 ounce to 200 feet of drill, and cover lightly; 5 to 6 lbs. per acre. The round and turnip-shaped beets are best for spring and summer; the half long kinds for winter. Sow every two weeks for a succession, up to the first of July.

**CRIMSON GLOBE.** This splendid variety has now been grown quite extensively in many sections of the country and the many good reports received from our customers indicate that it gives most thorough satisfaction. The root is of medium size, generally about three inches in diameter, very handsome in shape, being a little deeper than round, with a remarkable smooth surface. It has a very small tap-root. The very dark leaves are smooth and borne on slender stems which occupy but a small portion of the root, but it is the exquisite tenderness of the flesh and the complete absence of any stringy or woody character that so thoroughly distinguish this beet. The interior color is very deep crimson throughout, but is ringed or zoned in a most beautiful manner, making it very attractive in appearance. (See cut.) Pkt. 5c, oz. 15c,  $\frac{1}{4}$ -lb. 35c, lb. \$1.10.

**CROSBY'S EGYPTIAN.** An improvement on Extra Early Egyptian, being as early but of more desirable shape, color and quality. It is very sweet and tender; a most valuable sort for early market as it is ready before any other beet of equal quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**EXTRA EARLY EGYPTIAN.** The earliest. Turnip-shaped, small, symmetrical, deep blood color. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**EDMAND'S IMPROVED BLOOD TURNIP.** A handsome, clean, turnip-shaped blood beet. Skin and flesh are of deep blood-red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. The roots grow regular and are of right marketable size. Tops are small, allowing them to be grown closely together. They mature early and give every satisfaction as a hunching sort. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**ECLIPSE.** Makes rapid growth. Top small, quality fine, larger than Egyptian, but not as deep a red in color. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**EARLY BLOOD TURNIP.** Roots turnip-shaped, deep crimson, tender and sweet. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**HALF LONG BLOOD.** This is rapidly becoming a very popular sort and will probably produce more bushels from a given area than any other sort, as it does not occupy so much space in the row as the turnip-shaped variety. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 85c.



## Sugar Beet for Stock Feeding

**Vilmorin-Elite.** This beet is the result of thirty-five years of methodical and persevering selection. In black soils, rich in organic matter, it gives better results than any other variety. It is extremely rich in sugar, thousands of analyses showing that the percentage of sugar which can be obtained from this variety is about sixteen. Its average yield may be stated as from 12 to 16 tons per acre. Pound 45c, postpaid. By express or freight, lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.00.

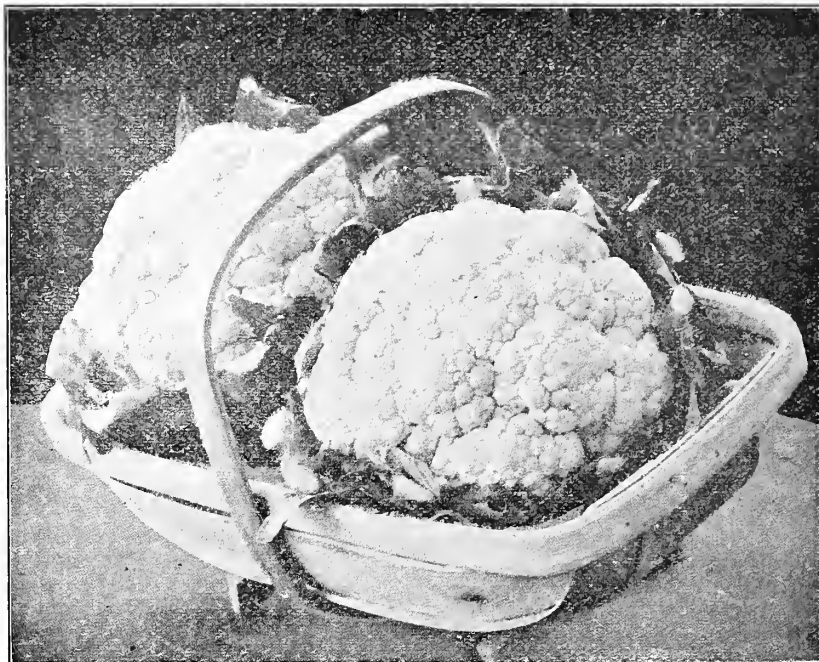
### Cauliflower

The Cauliflower, although one of the most delicious vegetables, is but little grown except by professional gardeners, because of the erroneous notion that it is so hard to grow that only skilled gardeners can produce it. Any soil that will grow cabbage will grow cauliflower, as their requirements are quite similar. Culture same as cabbage, except that they need a cool and moist atmosphere and should be watered during dry weather.

**EARLY SNOWBALL.** The earliest of all, and the standard variety everywhere. Small, very early, pure white, and always sure to head. Can be set very close. Throughout the country this is considered not only the earliest of all cauliflowers, but it is more certain to make a head than any other sort. Pkt. 15c, ¼-oz. 65c.

**EXTRA EARLY DWARF ERFURT.** The finest strain procurable. Plants dwarf and compact, forming good-sized heads, very fine stock. Pkt. 15c, ¼-oz. 50c.

**DRY WEATHER**—(Copenhagen.) This is the one to try if you have had trouble growing cauliflower. Medium early, very large, and sure to head. Seems to be able to stand all kinds of grief. It is especially adapted for growing in dry locations where all other sorts fail to do well, on account of its having very large leaves, which furnish greater protection to the heads; this sort seems especially adapted to heading perfectly in dry or warm weather. Pkt. 10c, ¼-oz. 50c.



## CABBAGE — Early and Late Varieties

Our Cabbage Seed is all American grown with the exception of Danish Ball-Head. This variety is raised for us by a grower in Denmark. You may find seed that will cost you more a pound, but you cannot get any better seed, no matter what price you pay. We do not, as some seed men do, tack our own name to every variety to make you believe you are getting something extra. We do not believe in this way of doing business.

The list given below are mostly well-known sorts, varieties that are grown all over the country as the very best for home culture or for market purposes. We know these varieties to be all right and we offer the best strains to be had of them.

The cabbage requires a deep, rich soil and thorough working to insure good, full-sized heads. Sow early sorts in hot beds in February or March, or in open ground as soon as it can be worked; later or winter crops in May or June, in shallow drills, six inches apart. When the plants are four inches high, transplant into richly manured ground, the early kinds two feet apart, the fall and winter varieties three feet apart. Packets contain about 800 seeds. Slug shot and tobacco dust are used to kill insects and worms.

**GENUINE DANISH BALL-HEAD.** Seed Grown by the Originator in Denmark. An extremely hardy imported Cabbage, which is growing in popularity in America, having proven itself one of the very best winter

sorts. It is a very sure header, very solid and heavy, an extra good keeper and good seller. It is medium to late, but is generally grown as a late crop. The heads are not extra large, and without many outer leaves, so that it can be grown in close quarters. It has excellent keeping qualities, and comes out of the pit in March or April as fresh as when it was put in. It is the best Cabbage to raise where it is sold per ton or by weight, as its solidity is not equalled by any other Cabbage in the list. Pkt. 10c, oz. 25c, ¼-lb. 75c, 1 lb. \$2.50.

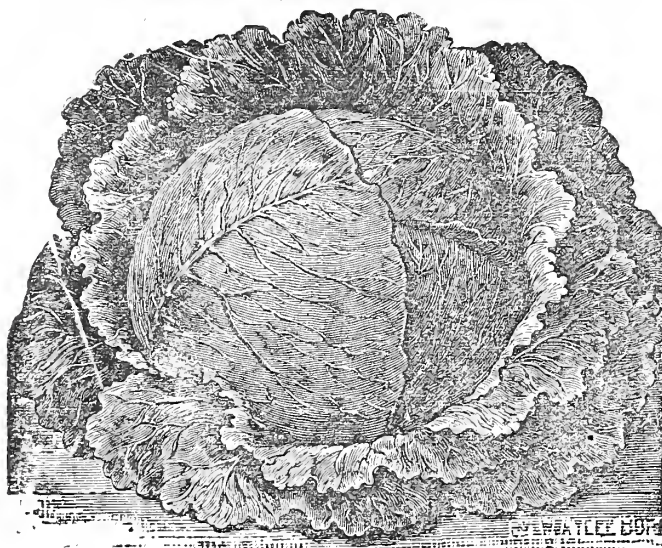
**YOUNG'S PREMIUM FLAT DUTCH.** Our matchless strain of Late Flat Dutch Cabbage we believe is unexcelled in producing uniform, handsome, very large, solid, compact heads. They are of extra strong growth and in good soil will produce heads of enormous size. They are also splendid keepers, and for late winter use there is no better Cabbage to be had. Pkt. 5c, oz. 25c, ¼-lb. 75c, 1 lb. \$2.50.

**EARLY SUMMER.** D deservedly popular with market gardeners throughout the country. It forms large, solid, round, flattened, compact heads of excellent quality, tender and sweet. The heads average over double the size of the Jersey Wakefield, weighing eight to ten pounds each, while it matures only ten or twelve days later. Pkt. 5c, oz. 20c, ¼-lb. 60c, 1 lb. \$2.00.

**EARLY JERSEY WAKEFIELD.** The earliest and hardest heading of extra early Cabbages. Our seed is new and good. Heads conical, compact, solid and of excellent quality. The thick, stout leaves and compact habit makes it the best for wintering over and very early setting. Price: pkt. 5c, oz. 20c, ¼-lb. 60c, 1 lb. \$2.00.

**CHARLESTON OR LARGE WAKEFIELD.** A popular variety with market gardeners in the south. It is about a week later than early Jersey Wakefield, but the heads are larger; does not burst when ripe, and can be left standing some time. Pkt. 5c, oz. 20c, ¼-lb. 70c, 1 lb. \$2.25.

**EARLY YORK.** The earliest variety in existence and produces rather small heads long before the Jersey Wakefield or other varieties have begun to head up. Heads are solid, have few outer leaves, and can therefore be planted very close and yield a large crop. It is a most important variety for the gardener. Pkt. 5c, oz. 15c, ¼-lb. 50c, 1 lb. \$1.75.



Early Summer



**Fottler's Short-Stem Brunswick.** Rapid grower; large solid heads and few outside leaves; planted early, it is ready for use in July; planted late, it is a choice winter sort. Pkt. 5c, oz. 25c, ¼-lb. 60c, lb. \$2.00.

### Savoy Cabbages

The Savoy or Curly Cabbages are of exceptionally fine flavor and quality, and should be more generally cultivated. They are particularly adapted for private use, where quality rather than quantity is considered. Most delicious after frost.

**Drumhead Savoy.** Hard-heading, very curly or blistered; finest quality, with a delicious flavor peculiar only to this type. Pkt. 5c, oz. 20c, ¼-lb. 50c.

### Red Cabbage

If you want a red Cabbage, the best one we have ever found is the

**RED DUTCH.** It is a late or fall cabbage and while not really very mammoth in size is the biggest you can get in a red cabbage. It is red dark in color, very solid and sure to head. Pkt. 5c, oz. 15c, ¼-lb. 40c.



Drumhead Savoy

### GOLDEN SELF-BLANCHING CELERY

This grand celery is of French origin and is becoming more popular every year as it becomes better known. It has the demand above all other sorts because of its many superb qualities. It has the same self-blanching habit as White Plume, but is much heavier and more compact, though not so early. At first the entire plant is an attractive yellowish green, and, as it approaches maturity, the inner stems and leaves become of beautiful golden yellow color. Grows to good size, is very tender and free from strings, the hearts large and solid, crisp, brittle, of excellent quality and very beautiful. The quality of this sort exceeds all others in tenderness and nutty flavor.

The seed we are offering is American grown, this having proved after repeated trials, to be superior to anything procurable in France at the present time. Fancy stock, 10c per pkt., ½-oz. 40c, oz. 75c.

### SELECTED WHITE PLUME

Almost self-blanching. Its stalks and portions of the inner leaves and heart are so nearly white naturally that by closing the stalks, either by tying or simply drawing the soil up against the plants and pressing it together, the work of blanching is completed. Early, of good flavor and fine texture; adapted to fall and early winter use; good keeper up to the holiday season. Pkt. 5c, ½-oz. 15c, oz. 25c, ¼-lb. 60c, lb. \$2.00.

### WINTER VARIETIES OF CELERY

Of firmer texture than preceding sorts and consequently better keepers. The stalks grow uniformly larger and are very fine and crisp if treated properly.

**Dwarf Golden Heart.** A fine, long keeping, golden dwarf celery. The heart is large, surrounded by a shapely solid stalk. After storing the heart blanches a beautiful golden, is unsurpassed in quality and is so large that little trimming is required for market. In many celery growing sections this variety is planted almost exclusively. Pkt. 5c, oz. 15c, ¼-lb. 40c.

**Giant White Solid.** A long stalked variety, often 3 feet high and one of the best for growing in the South; excellent for soup greens; will stand heat and drouth well. Per pkt. 5c, oz. 20c, ¼-lb. 75c.

**Giant Pascal.** A superior variety for the market gardener. Excellent for fall or winter use, and has increased in popularity every year. A large, tall grower of the finest nut flavor, being free from any bitter taste. Very broad stalks, blanching very quickly with little banking up. An admirable keeper. Pkt. 5c, oz. 20c, ¼-lb. 50c.

### CRESS OR PEPPER-GRASS

A well-known pungent salad; can be used alone or with lettuce. Requires to be sown thickly (covering very lightly) at frequent intervals, to keep up a succession, as it soon runs to seed.

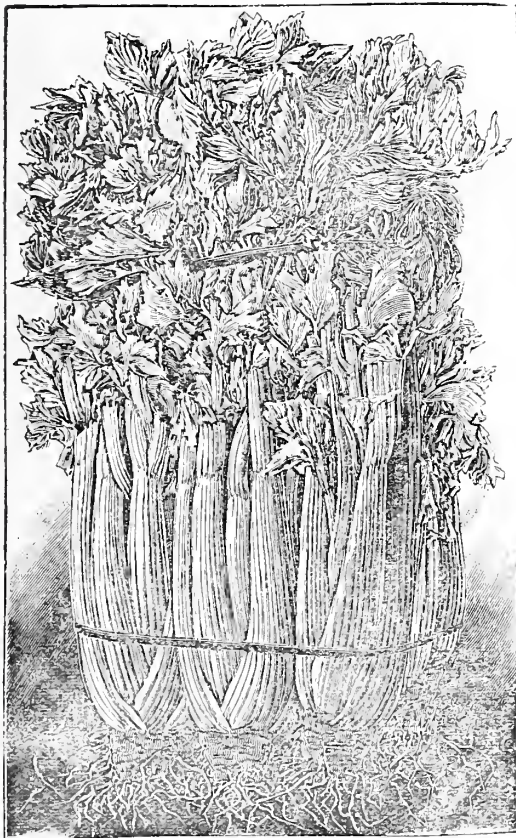
**Extra Curled.** (Pepper-Grass.) May be cut two or three times. Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 50c.

### WATER CRESS

Well-known hardy perennial aquatic plant. Is easily grown along margins of ponds and streams, where it increases both by spreading of roots and seeding. Has a pleasant pungent taste. Pkt. 10c, ½-oz. 20c., oz. 35c.

### CELERIAC, OR TURNIP ROOTED CELERY

Has a large turnip-shaped root which is used for flavoring soups, etc. Pkt. 5c, oz. 10c, ¼-lb. 35c.



Golden Self-Blanching

### CHIVES

Hardy and perennial members of the onion family, grown exclusively for their tops. Roots, per bunch, 25c, by mail, postpaid.

### CORN SALAD, OR FETTICUS

**Broad Leaved** (Large Seeded.) A delicious salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Sow in spring in drills one foot apart. It will mature in six weeks. For early spring use, sow in September and winter over like spinach. Postpaid, pkt. 5c, oz. 10c, ¼-lb. 15c, lb. 55c.

My plants arrived in fine condition. Am delighted with them all. Many thanks for the extras. Hoping that I will raise them all.—Respectfully, Nellie Mashek, Troy, Mo.



## CUCUMBERS

Cucumbers should have very rich soil, the richer the better, but will do fairly well almost anywhere. Plant about as early as you would corn, and put in plenty of seed. After the bugs get through with them, thin out so as to leave each vine plenty of room. Don't crowd them. That is what makes them grow knobby, and crooked sometimes. When they begin to bear, keep them picked, as the vines will stop bearing if the cucumbers are left on. Use tobacco dust for the bugs.

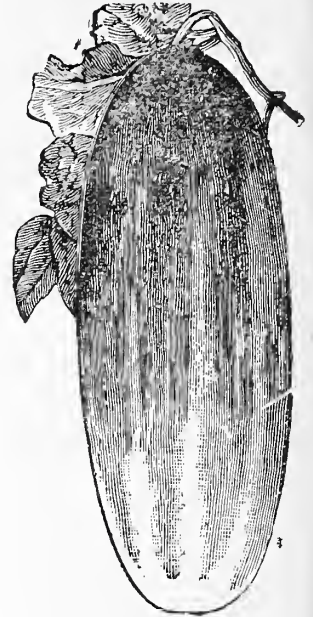
The variety of cucumbers to choose depends on what you want it for. The same cucumber that would be fine for pickles might be comparatively worthless for slicers, and many of the varieties making fine slicers are too shy bearers to be valuable for pickling, so in order to get exactly what you want, you should grow two or three or possibly four varieties.

**Young's Perfection White Spine.** Perfection has been attained in this grand improvement in the White Spine family. It is early, and produces an enormous crop of uniformly large and symmetrical fruits of an extremely attractive color, with faint yellowish shading towards the blossom end. It runs very close to type, bearing practically no misshapen fruits or culls. It is the ideal for slicing, the flesh being compact, fine grained, sparkling white and of most refreshing and delightful flavor. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ -lb. 40c.

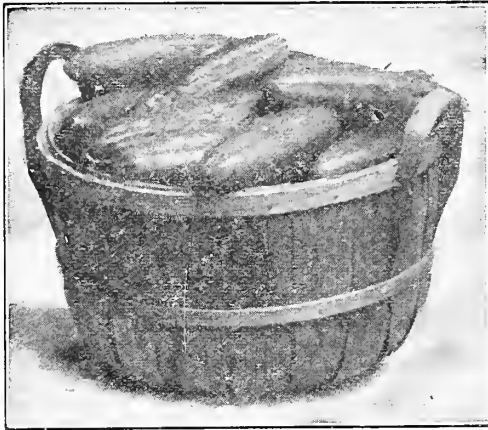
**Cool and Crisp.** An early variety of the White Spine class. Cucumbers long, tapering and rather smooth, shading paler toward blossom end. Excellent for slicing and general use; holds its fruits for a long time. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c.

**Nichol's Medium Green.** A handsome, dark green variety with tender, crisp flesh; of medium size, straight and smooth, running very uniform. Especially good for pickling; also for slicing when mature. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c.

**Livingston's Emerald.** Retains its dark green color right up to maturity. The vines are vigorous and very productive, setting the young Cucumbers quite early. Crisp, tender, well-flavored; fine for slicing and, when young, for pickling. It is also highly recommended for making sweet pickles when ripe. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c.



Young's Early White Spine.



Cucumbers—Davis Perfect.

## PEANUTS

**Improved Large Virginia.** A very profitable variety to grow, and is easily cultivated; very erect; the largest pods and kernels with fewer imperfect pods than any variety (See illustration.)



**Culture.** Plant in May in drills 3 feet apart, placing the nuts 8 to 12 inches apart in the drill. Cultivate flat and keep clean. It requires 15 to 20 pounds of shelled nuts or 1 bushel (22 pounds) of the unshelled peanuts, to plant an acre. Plant either way, but be careful not to break the skin or coating on the nut if unshelled. By mail, postpaid, 1 lb. 25c, by freight or express, 15c per lb.

## THE DAVIS PERFECT CUCUMBER

This comparatively new Cucumber produces slim symmetrical fruits 9 to 12 inches in length, very uniform in shape and of handsome appearance. The color—glossy dark green—is maintained almost up to maturity. It holds its color and apparent freshness long after being cut, rendering it a good shipping and market variety. The flesh is of fine quality and solid for one-third the length from the stem end—the small seed cavity being in the blossom end. While in condition to slice the seeds are so small as to be scarcely noticeable. Valuable sort for home or market. Pkt. 10c, oz. 20c,  $\frac{1}{4}$ -lb. 50c.

**Long Green Improved.** A well-known old variety with few seeds; long and crisp; good for general family use. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**Cumberland Pickle.** A good, all-round sort, with fruits thickly set with tiny spines. Fine, crisp and tender right up to maturity. The vine is quite hardy and a vigorous grower, and is very prolific. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**Fordhook Pickle.** A good, prolific bearer, producing quantities of medium-sized fruits, just the right size for pickling. The vines are vigorous and continue active growth longer than most others. This is a particularly good variety because it matures crisp, tender Cucumbers free from any toughness when pickled. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c.

**Boston Pickling.** A leader for pickles. Vine very productive. Cucumbers medium-sized; smooth, bright green. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c.

**Gherkin or True West India.** Heavy, small Cucumbers, used only for pickling. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ -lb. 60c.

## TOBACCO DUST FOR THE STRIPED BUGS

The best remedy we have ever found for the striped bugs on cucumber, watermelon and muskmelon vines is Tobacco Dust. This is simply a very strong grade of tobacco refuse, ground up into a very fine powder like snuff. It is finer than flour and very strong. We don't know whether it kills the bugs or simply drives them away, but it surely does the business somehow. Also a spoonful of it piled around the stem of each plant will prevent borers, which kill the plants later in the season. Price, prepaid, 20c, per lb., by freight or express, 10c per lb., \$1.00 for 12 lbs., \$2.00 for 30 lbs., 50 lbs. or over, 5c per lb.

The roses and geraniums received from you in May in fine condition are now in bloom. You can publish this.—Sadie Quigg, Virginia, Ills., Aug. 6-14.



## Best Garden Carrots

**CARROTS.** This is the healthful vegetable that is not appreciated by most native Americans.

**CULTURE.** For early Carrots for table use, sow as early as the ground can be worked; for late crop until the latter part of July; early in August for a winter crop. For the main crop, sow from the middle of May to the first of July. Thin out in the row from 5 to 6 inches apart, with rows 12 to 14 inches apart. Hoe often and deeply between the rows. Light, sandy loam, richly manured, is the best soil.

**EARLY FRENCH FORCING.** The earliest variety, largely grown for forcing purposes; globular shaped root of an orange-red color. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 40c.

**EARLY SCARLET OR SHORT HORN.** One of the most popular varieties grown; color deep orange; flesh fine grained and of agreeable flavor; topss mall; has a short, stump-shaped root; grows well in shallow soil; one of the best for early outdoor planting and for table use. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 40c.

**OXHEART.** An early, short, thick carrot of fine quality. Very popular for hunching when small. Deep orange color, thick side meat and very little core. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ -lb. 40c.

**CHANTENAY.** Similar to Oxheart, but a little earlier, and more slender in shape. Very tender and sweet. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 40c.

**LONG ORANGE.** Latest and largest of all table carrots. A deep reddish orange in color, and with a very small core. Also grown extensively for stock feed as it is richer and better color than any of the other stock carrots. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 40c.



Early Short Horn Scarlet

**NOTE**—Carrots continue to be one of the short items and prices range high.

We continue to furnish carefully-grown stocks, thoroughly reliable, and in view of crop conditions would caution our customers against securing cheap seed which is bound to be disappointing.

## KOHL RABI

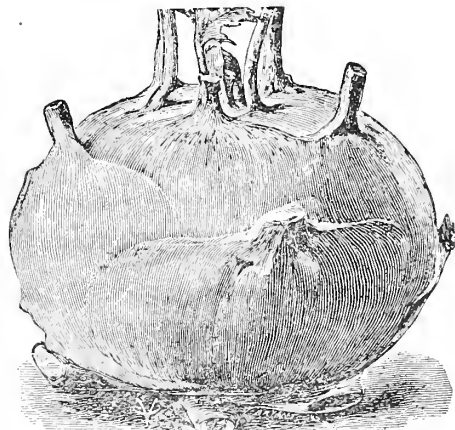
The Kohl Rabi is a vegetable intermediate between the cabbage and turnip and combines the flavor of each. The edible part is a turnip-shaped bulb formed by the enlargement of the stem. When used for the table this should be cut when quite small, as it is then very tender and delicate, but if allowed to reach its full size it becomes tough and stringy.

**CULTURE.** Sow in light, rich soil as early as possible, in drills sixteen inches apart and when well established thin to six inches apart in the row. One or two plantings at intervals of ten days will give a succession until hot weather, when they fail to grow well; plantings may be made the latter part of July for fall use.

**EARLY WHITE VIENNA.** The most desirable variety for general use. Is very early and has small tops. Color, light silvery green. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ -lb. 60c, lb. \$2.00.

**EARLY PURPLE VIENNA.** An early variety with a bright purple bulb. The leaf and stems being green and tinged with purple. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ -lb. 60c, lb. \$2.00.

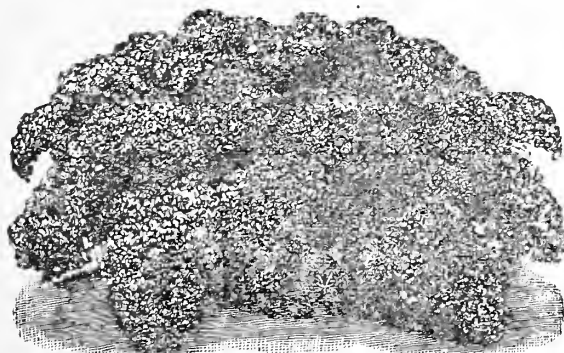
**WHITE DELICACY.** Fine for the private garden. It is round like an apple with smooth skin and very few leaves, the flesh is very tender, pure and of delicious flavor. (See cut.) Per pkt. 10c, oz. 25c,  $\frac{1}{4}$ -lb. 65c, lb. \$2.25.



Kohl Rabi, White Delicacy

## KALE or BORECOLE

**DWARF GERMAN (Dwarf Curled Scotch Kale.)** This is more hardy than cabbage and makes excellent greens for winter and spring use. The leaves are curly, bright green, very tender and delicate in flavor. Sow seed in May or June, transplant in July and cultivate same as cahbage. For early spring use, sow in September; protect over winter with a covering of straw or litter. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$ -lb. 40c, lb. \$1.25.



Kale, Curled German

**LONDON FLAG.** Hardy and of good quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

## OKRA or GUMBO

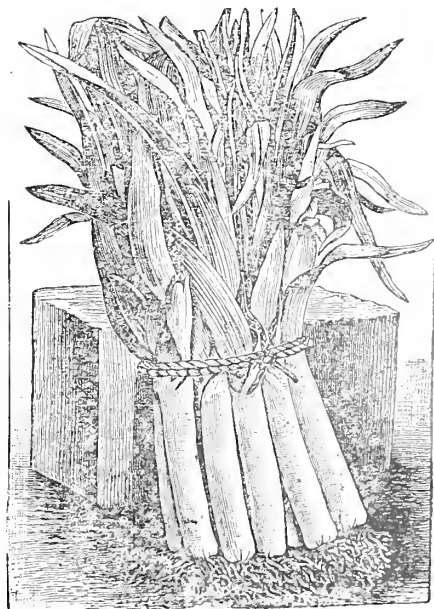
This vegetable is too little grown, as its green pods impart a fine flavor and consistency to soups and stews; the pods can also be dried for winter. It is universally used throughout the south and is as easily raised in the north. So delicious is the flavor that when once used it will be grown every year.

**MAMMOTH LONG PODDED.** This variety is by far the best. It is exceedingly productive and bears splendid dark green pods from 8 to 9 inches long. These shoot out from the stalks all over the plant. It does not grow hard, as the other varieties are inclined to do. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 55c.

**WHITE VELVET.** The pods are round and smooth and much longer, and not prickly to the touch; very productive. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 55c.

**DWARF GREEN PROLIFIC.** Early and productive. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 55c.

**LEEK.** Belongs to the onion family. Sow the seed and care for the young plants as for onions, but they need more room in order to develop. When the young plant is about the size of a goose quill, transplant to a prepared bed in rows about two or three feet apart and four or five inches in the row. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use.



Leek



## YOUNG'S ONION SEED

It pays to plant only the best. Our Onions are saved from Selected Bulbs only, and are sure to produce the best crops of sound and long-keeping bulbs. We handle only choice American Pedigree Stocks.

The Onion not only contains considerable nutriment and has valuable medicinal properties, but is most useful in counteracting the bad effects of sedentary life. The disagreeable odor it imparts to the breath may be avoided in a great measure by thorough cooking, or by eating a few leaves of parsley. One of the most wholesome foods known, and much relished by most people. The Onion is of those vegetables with which success or failure depends largely upon the quality of seed sown. The best onion seed is always the cheapest. We are certain that ours is as good as can be found anywhere. Have the ground made very fine, deep and rich for onions, and keep free from weeds. Sow in shallow drills not less than one foot apart, and thin out when young onions are about the size of quills. As onions grow on top of the ground they may be allowed to remain pretty thick.

**SOUTHPORT WHITE GLOBE.** A pure-white globe-shaped variety. Forms handsome hard onions with wax-like, pearl white flesh. Is used a great deal for green onions owing to the clear, white stem. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ -lb. 65c, lb. \$2.50.

**LARGE RED WETHERSFIELD.** For general purposes, the country over, no red variety is more largely grown. The largest, most uniform, heaviest yielder, and one of the best keeping of all the red onions. This is a standard red variety. Large size; skin deep purplish-red; form, round, somewhat flattened; flesh, purplish-white. Per pkt. 5c, oz. 25c,  $\frac{1}{4}$ -lb. 75c, lb. \$2.50.

**SOUTHPORT YELLOW GLOBE.** Very similar to the Southport Red Globe except that it averages a trifle smaller and matures a little earlier. The skin is a rich brownish-yellow; the flesh white, crisp and fine grained. (See cut.) Per pkt. 5c, oz. 25c,  $\frac{1}{4}$ -lb. 75c, lb. \$2.50.

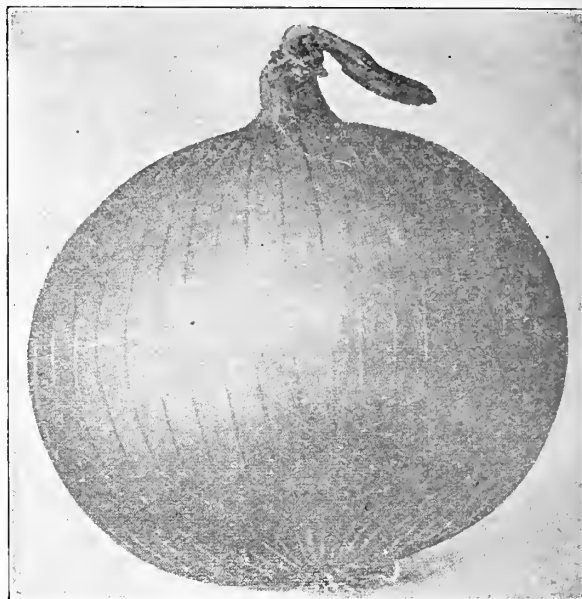
**PRIZETAKER.** Large, mild and tender; one of the largest Onions grown. Its size, however, does not affect its quality, which is of the very best; we find it outsells other Onions after it becomes known. Pkt. 5c, oz. 25c,  $\frac{1}{4}$ -lb. 75c, lb. \$2.50.

**GLOBE RED WETHERSFIELD.** Handsome, dark red, roundish; averages 3 inches in diameter and 9 or 10 ounces in weight. This is a very choice strain. Pkt. 5c, oz. 25c,  $\frac{1}{4}$ -lb. 75c, lb. \$2.50.

**YELLOW GLOBE DANVERS.** Large, round Onions of a rich orange-yellow shade; flesh is white with a surprisingly mild flavor for such a large Onion. A good keeper, making it specially desirable for winter use. Pkt. 5c, oz. 25c,  $\frac{1}{4}$ -lb. 75c, lb. \$2.50.

**WHITE PORTUGAL, or SILVER SKIN.** Of medium size, beautiful, clear white skin; the flavor is quite mild and the Onions may be used when young for salads, pickling, etc.; they are also good for use in fall or early winter. Pkt. 5c, oz. 25c,  $\frac{1}{4}$ -lb. 75c, lb. \$2.50.

**EARLY WHITE QUEEN.** The small, flat white Onion, very early, tender and sweet; fine for pickling—running 1 to  $1\frac{1}{2}$  inches in diameter. Pkt. 5c, oz. 25c,  $\frac{1}{4}$ -lb. 75c, lb. \$2.50.



Onion—Southport Yellow Globe

## PARSNIP

Many people have trouble to get parsnip seed to grow well. The trouble is either old seed or is planted too late. It should be planted very early, the earlier the better, while the ground is cool and moist.

**CULTURE.** They do best in deep, rich, sandy soil, but will make good roots on any soil which is deep and mellow and moderately rich. As the seed is sometimes slow to germinate, it should be sown as early as possible; cover  $\frac{1}{2}$ -inch deep, and press the soil firmly over the seed; give frequent cultivation, and thin the plants 6 or 8 to the foot. As they are improved by frost a part of the crop should be left in the ground for spring use. One ounce will sow 150 feet of drill; 5 lbs. one acre.

**HOLLOW CROWN.** The best for table use; a vegetable of merit, easily raised, and of great productiveness. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 50c.

## ONION SETS

Early green Onions are obtained much earlier by setting out sets than by sowing seed. Some of the latter, however should be sown to follow the crop grown from the Onion Sets. Plant both Onion Sets and seed as soon as the ground is warm and dry in the spring.

We do not use or sell the top sets, as we consider bottom sets so much the best. Bottom sets are simply little wee onions grown from the black seed planted late and thick. They are about as big as the end of your finger, and when set out in the spring, they come quick and make nice green onions for bunching, or if left will bottom down and make onions like ones from seed but lots earlier. We can furnish them in Red, Yellow or White. Yellow are generally best as they are not so liable to run up to seed. See price below.

**WHITE BOTTOM SETS.** Small, solid, beautiful silvery white. Pt. 15c, qt. 25c, by mail, postpaid.

**RED BOTTOM SETS.** Bright deep red; even and dry bulbs. Pt. 15c, qt. 25c, by mail, postpaid.

**YELLOW BOTTOM SETS.** Fine and dry; medium size, unsprouted. Produced from extra-choice seed. Pt. 20c, qt. 35c, postpaid.

**WHITE MULTIPLIERS.** Pure silvery white, enormously productive; frequently 20 bulbs in a cluster from a single bulb. Fine for bunching green, or can be ripened for pickling. Pt. 20c, qt. 35c, postpaid.

**Notice.**—If Onion Sets are wanted by the peck or bushel, we will gladly quote special low prices.

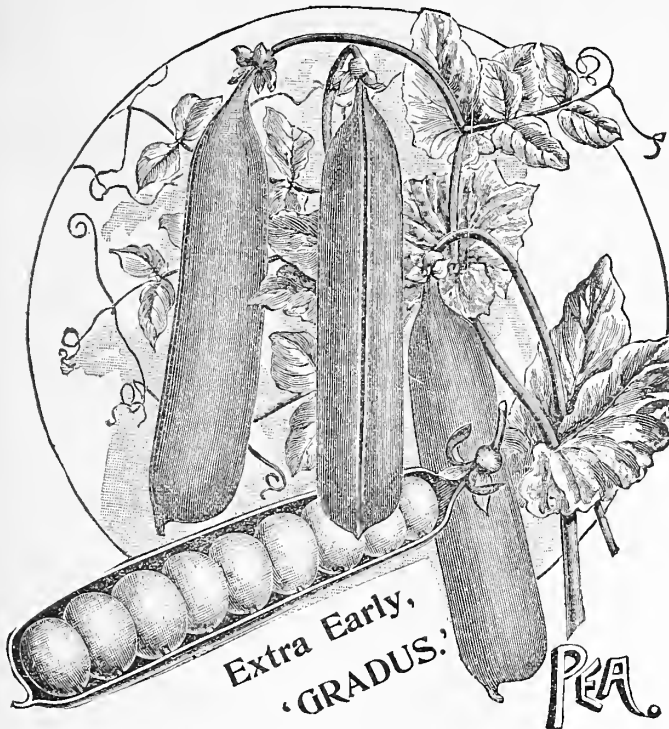


Bunch Onions



Enclosed please find \$2.00 for some more of your plants. We have been testing some of the seeds you sent us last month with those we purchased from the store here. 100% of your seeds came up and less than 20% of the others.

You just can't beat Young's Seeds and that's all there is to it. With best wishes, we are, very truly yours, C. L. Ellers, Cashier 1st State Bank, Idabel, Ok.



**PHILADELPHIA EXTRA-EARLY.** Matures early; Peas of good quality, borne in great abundance. Vine half dwarf, requiring no support except in very rich ground. Will bear all summer under favorable conditions. Pkt. 10c, pt. 25c, qt. 40c, pk. \$1.50.

**AMERICAN WONDER.** Fine, extra-early wrinkled variety, well suited for private gardens; very productive. Flavor and quality of the best. Vines grow about a foot high. Pkt. 10c, pt. 25c, qt. 40c, pk. \$1.75.

**MCLEAN'S LITTLE GEM.** A wrinkled Pea of excellent flavor, highly recommended for home-gardens. Vine dwarf, prolific; Peas ripen second-early. Pkt. 10c, pt. 25c, qt. 40c, pk. \$1.65.

## GARDEN PEAS

Of the many varieties of Garden Peas, the following comprise the best, selected as to prolonged season or hearing and distinct character of growth. Our peas are grown North, are free from bugs, carefully rogued and hand-picked.

**CULTURE.** Peas, as a rule, should be planted early in the spring while the ground is cool and moist, as they never do well in the hot part of the summer, and very often will not come up at all when the ground is hot and dry. Smooth peas especially should be planted just as soon as the frost is out of the ground, the earlier the better. Wrinkled peas, while larger and more tender and of higher quality, never come as well, as they are more or less liable to rot in the ground. They should not be planted quite so early as the smooth varieties, but still should be planted before hot summer weather. Peas do best in ground that is fairly rich.

### WE PAY THE POSTAGE

At prices quoted on Quarts, Pints and Packets. If to go by Express or Freight, at buyer's expense, 15c from quart, or 10 cents from the pint prices may be deducted. Larger quantities, the prices do not include freight or express charges.

**ALASKA.** The very earliest variety we know of. Grows about 2 feet high; vines set full of small pods which are all ready to come off at one picking. Pkt. 10c, pt. 30c, qt. 50c, pk. \$3.00.

**EXTRA EARLY GRADUS.** Large pods, nearly round and well-filled with large Peas. The quality is of the best and the Peas remain tender for some little time. The vine is very productive. Pkt. 10c, pt. 30c, qt. 45c, pk. \$2.50.

**NOTT'S EXCELSIOR.** A rather dwarf grower, maturing quite early. Pods about 3 inches long; well-filled throughout with large, well-flavored Peas. Quality unsurpassed. Pkt. 10c, pt. 25c, qt. 40c, pk. \$1.65.

**IMPROVED STRATAGEM.** Very large, late; pods immense, filled with large Peas of finest quality. Strong, vigorous vines, growing 2 feet high. Fine for general purposes. Pkt. 10c, pt. 25c, qt. 40c, pk. \$1.85.

**CHAMPION OF ENGLAND.** A grand old popular variety which "holds its own" well among the newer sorts. The vines grow medium tall and are well-covered with large, solidly filled pods of good-sized Peas which are distinguished by their tenderness and rich, marrow-like flavor. Pkt. 10c, pt. 25c, qt. 40c, pk. \$1.50.

**ABUNDANCE.** Second-early; quality excellent; vine 15 to 18 inches high. The pods are fine and large, each containing six to eight wrinkled peas. Pkt. 10c, pt. 25c, qt. 40c, pk. \$1.75.

**JUNO.** Plant strong and vigorous, quick-branching and erect, requiring little support. A very free yielder, producing peas of the best quality. Pkt. 10c, pt. 25c, qt. 40c, pk. \$1.75.

## PEPPERS

Peppers should be started in the house or hotbed and handled about like tomatoes. They seem to do well in almost any soil except that which is too low and wet. Give the plants plenty of room in the row for best results. The seed seldom comes well planted out-of-doors. They need lots of heat and should be started in a hotbed or greenhouse.

**SPECIAL NOTICE.** After May 1st, we can furnish Pot Grown Pepper Plants. For prices see page 19.

**CHINESE GIANT.** An extremely large, sweet pepper, deep scarlet in color when mature and only a trifle later than Ruby King. Plants about two feet high, strong, vigorous and productive. Fruits similar in color and shape to large Bell or Bull Nose, but more than twice as large. Pkt. 10c, oz. 40c.

**SWEET MOUNTAIN.** Extra large fruit; very prolific; bright, smooth and handsome; flesh very thick, mild and sweet flavored. Rich red when mature. Pkt. 5c, oz. 25c.

**LARGE BELL, OR BULL NOSE.** A very large, inverted bell-shaped, valued for pickling or for filling. Thick, hard flesh, not very pungent and remarkably early for such a large fruit. Pkt. 5c, oz. 25c.

**RED CAYENNE.** A long slim pod, rather pointed, and when ripe of a bright red color, extremely strong and pungent. Pkt. 5c, oz. 25c.

**GOLDEN QUEEN.** They grow from fifteen to twenty perfect fruits on a plant, from 8 to 10 inches long, and 4 to 5 inches through. Color bright golden yellow, and so mild they can be eaten like tomatoes. Pkt. 10c, oz. 30c.

**RUBY KING.** Grows to double the size of Bull Nose. The fruits are five to six inches long, by about 3 1/2 inches through. They are bright red, remarkably mild and pleasant in flavor, having a fiery taste. Single plants ripen from eight to ten fruits. The most popular red pepper. Pkt. 10c, oz. 40c.

## PUMPKINS

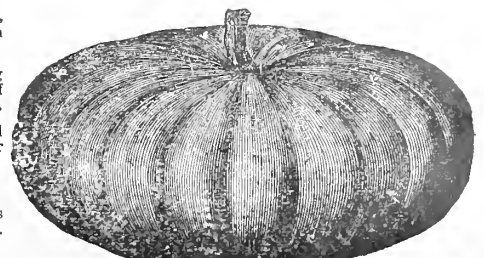
You might just as well raise some Pumpkins as not. Plant a few hills where the corn is missed, and its done. Squashes do not do so well that way, but Pumpkins seem to like it as well as having the whole field to themselves.

**LARGE SWEET CHEESE.** This is one of the best varieties for family use. It has large, round, flattened fruits with a creamy huff skin, averaging 20 inches to 2 feet in diameter. It is an excellent keeper, with thick flesh of fine quality. Pkt. 5c, oz. 10c, 1/4-lb. 20c., lb. 60c.

**MAMMOTH TOURS.** Grows to a large size and is adapted for cooking purposes and for feeding stock. The shape is irregular, some being round and others elongated or flattened. It is of deep, rich yellow color, fine grain and excellent quality. Pkt. 5c, oz. 10c, 1/4-lb. 20c, lb. 60c.

**SUGAR, OR NEW ENGLAND PIE.** This handsome variety is small but very sweet, fine grained and of the very best quality. Skin deep orange, flesh rich yellow, excellent boiled or for pies. Pkt. 5c, oz. 10c, 1/4-lb. 20c, lb. 60c.

Received the flowers ordered from you. They arrived in fine shape and they are fine plants and I was delighted with them. I wish to thank you for your promptness in shipping also for the extra plants sent, which I highly appreciate. Yours truly, Mrs. R. J. Fawcett, 737 S. Grant Street, Springfield, Mo



Large Sweet Cheese Pumpkin



## SEED POTATOES

In order to secure the best possible yields, combined with the best quality, there is no crop grown that a change in seed is so essential as in seed potatoes.

There is profit as well as satisfaction in planting our seed, for, not only is it pure, but the additional yield to be secured from a change of seed ought every time to fully pay for the seed itself, so that the investment itself is really nothing. To grow a large crop of big, fine healthy tubers will not cost any more than to grow a small crop of small poor potatoes which are hardly marketable at any price.

We ship our seed potatoes in the spring as soon as danger of freezing is over, so they will arrive in plenty of time for planting. All orders for potatoes are acknowledged as soon as received and forwarded as soon as possible—the very first day that we feel it is safe to start them. When shipment is ordered otherwise, shipment is made at purchaser's risk and we assume no responsibility on account of freezing.

All potatoes are carefully packed and delivered to the railroad company in good order and condition, then our responsibility ceases.

Prices of any of the following varieties of Potatoes:  $\frac{1}{2}$ -peck, 35c, peck, 60c,  $\frac{1}{2}$ -bush. \$1.00.

Prices on bushel lots and over furnished on application. No extra charge for bags or barrels.

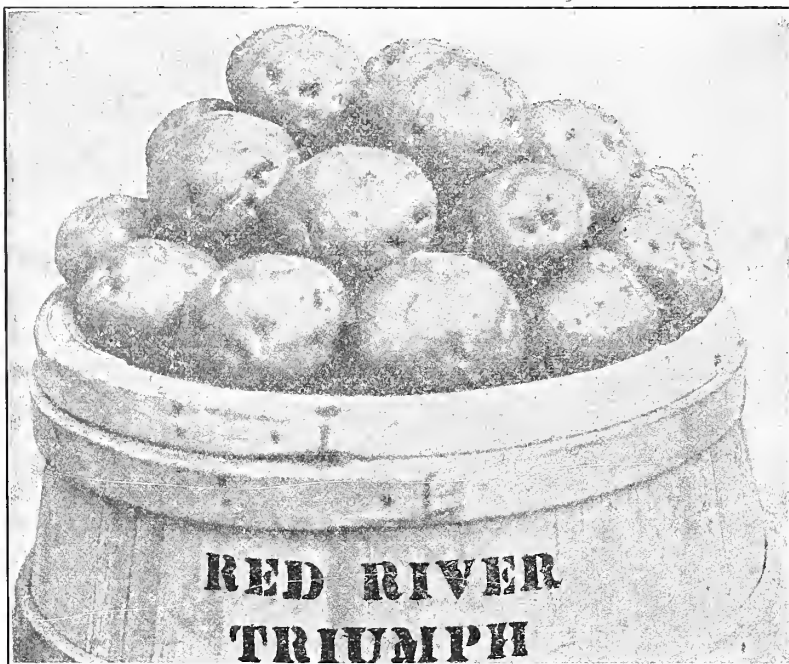
**RURAL NEW YORKER, NO. 2.** A very heavy yielder. Potatoes large and unusually smooth. Eyes few and shallow; skin and flesh white. The vines are of scant growth; Potatoes mature medium-late. This variety is a splendid draught resister. The quality best.

**EARLY ROSE.** A standard favorite for years and still popular with a great many growers. Potatoes of good size, rather long, light pink at the bud end; of finest flavor.

**RED RIVER EARLY OHIO.** A popular early Potato; seed of this variety is in great demand with us. Potatoes come round and thick; cook dry and mealy. We offer an extra-choice strain.

**RED RIVER TRIUMPH.** A wonderfully prolific sort, ready about a week before Early Rose. Beautiful, light red; medium size, uniform growth. White flesh, cooking mealy.

**BURBANK.** A standard late variety. A good yielder of large, well-shaped white Potatoes. These cook dry and mealy and are of the finest flavor and quality. Best for haking.



Potato—Red River Triumph

## PARSLEY

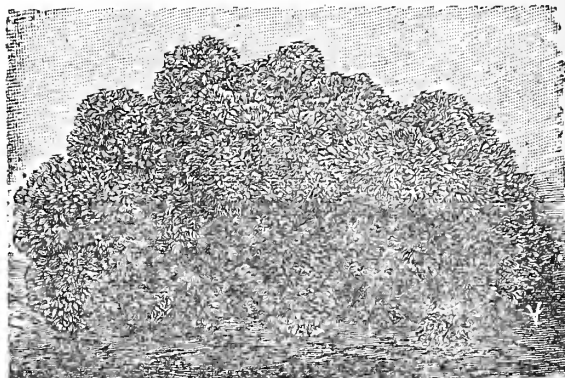
Used for garnishing dishes of meat, or cooked in soups. A few plants in the garden will yield sufficient for a family, providing the leaves are cut often and the plant not allowed to seed.

Parsley thrives best in a rich soil. The seeds germinate very slowly, three or four weeks generally elapsing before it makes its appearance. Sow half an inch deep, previously soaking the seeds for a few hours in tepid water.

**DOUBLE CURLED.** Fine, dwarf, crimped leaves. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 65c.

**EXTRA CURLED DWARF, OR EMERALD PARSLEY.** This is a most beautiful variety. The moss-like leaves, of a handsome bright green color, are finely curled. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 70c.

**CHAMPION MOSS CURLED.** The leaves are of an extra dark green color. It is very productive, and on account of the densely curled character of its leaves a quantity can be gathered in a short time. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 70c.



Parsley

## ENDIVE OR GERMAN LETTUCE

A splendid salad plant when the leaves have been properly blanched. For an early crop, sow in April in drills 15 inches apart, thinning the plants to 12 inches apart when well started. When nearly full grown, draw up the leaves and tie them. Put the tips so that the inner leaves will blanch creamy white—which change takes place within a very short time. One ounce of seed will sow 150 feet of drill.

**WHITE CURLED.** Plants moderately dense. The midrib is yellow and the leaves are frequently almost white without blanching. Pkt. 5c, oz. 15c.

**GREEN CURLED.** Desirable for home use or market. Leaves deep green, cut and curled. Blanching easily, taking on added flavor. Pkt. 5c, oz. 15c.

## MUSTARD

This makes the best early greens that can be found and it is very easily grown.

For early salads sow in a slight hot bed in March, and for a general crop at intervals through the spring, in rows six to eight inches apart, and rather thickly in the rows. Cut it when two inches high.

**BROWN.** Stronger and more pungent than the white. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 15c, lb. 40c.

**WHITE.** Best for salads and general use. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 15c, lb. 40c.

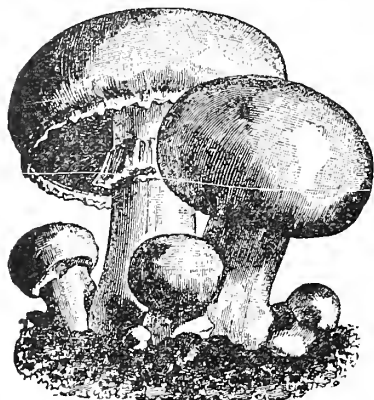
## IMPROVED MUSHROOM SPAWN

There is no more mistaken idea than that Mushroom growing is difficult. They will do well almost anywhere if a fairly uniform temperature can be maintained.

One pound of Spawn is sufficient for a bed 2 x 6 feet. We receive fresh Spawn several times a year from the best makers.

**AMERICAN, PURE CULTURE, SPAWN.** Produced by the new grafting process, from selected and most prolific varieties, has never failed to run. Per Brick 35c, 5 for \$1.50, by mail, postpaid. By express, at buyer's expense, per Brick 25c, 5 bricks \$1.00, 10 Bricks \$1.85.

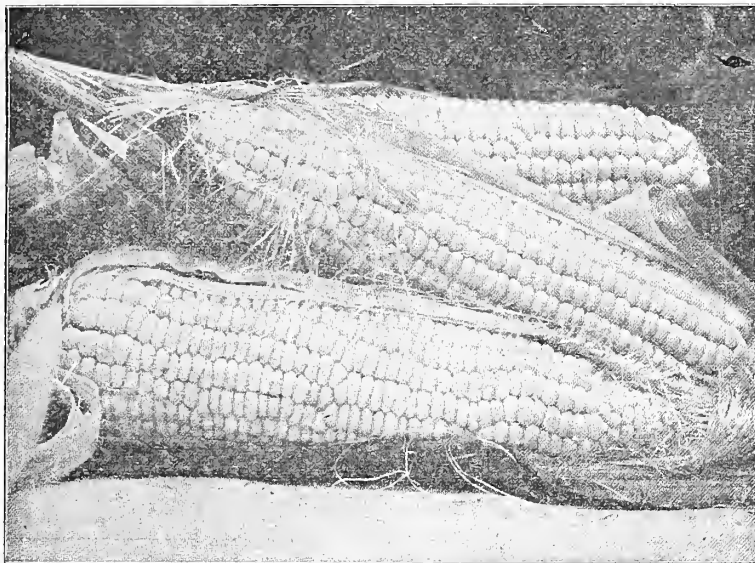
Leaflet on the culture of Mushrooms sent free on request.



I received my seeds and my plants 9th of April and they are just fine, and ever so many thanks for the extra plants. I will send my other order in about May 1st. Respectfully yours, Mrs. Maggie Doerr, Prairie DuRoeber, Ills., R. R. No. 4, Box 21.



# CORN, Sweet or Sugar



Country Gentleman

**CULTURE.** Plant in hills 3 feet apart each way and 5 or 6 kernels in a hill. The ground should be made rich with well-rotted manure. Hoe well. To have the finest Sweet Corn, it must be picked in just the right condition, that is, when the skin of the grain breaks at the slightest puncture, and planting should be made frequently enough to have a supply at this stage. The quality will be inferior if it is either a few days too old or too young.

**COUNTRY GENTLEMAN.** Is the finest of all Sweet Corns, for the private table. The arrangement of the kernels on the cob indicates high quality. The moment the teeth sink into this luscious, milky, tender Corn, you will become a complete convert to it, for it will delight the most fastidious epicure. It retains its delicate tenderness and flavor even when a little old, as the ears are enclosed in a heavy husk, which tends to keep the ear 'in the milk' for several days longer than other corns. The ears average eight to nine inches in length, cob small and plump; pearly-white kernels of great depth fill the ear from end to end. It produces three, many times four, and occasionally five and six ears to a stalk. But the great merit of the 'Country Gentleman' Corn is its delicious quality; it is, without doubt, the sweetest and most tender of any Sweet Corn. (See cut.) Per Pkt. 10c, pt. 20c, qt. 35c, pk. \$1.10.

**STOWELL'S EVERGREEN.** The standard big late corn. Good big ear; sweet and solid, and heavy yielder. Now recognized everywhere as a standard variety, both for home use and market, and is the general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and have the advantage of remaining longer in the green state than any other. Per pkt. 10c, pt. 20c, qt. 35c, pk. \$1.10.

**EARLY METROPOLITAN.** This variety is an improved type of Stowell's Evergreen, but is a little earlier, and unlike the Stowell's is pure white in color. The stalks are of strong, vigorous growth from six to seven feet high. The ears are very large and well filled to the tip with long, slender, pure white grains of the finest flavor. "Metropolitan" certainly outclasses any other variety. It is only two days later than Cory, which has been the most popular early sort. Per pkt. 10c, pt. 20c, qt. 35c, pk. \$1.10.

**PEEP O'DAY.** Of Minnesota origin, 5 to 7 days earlier than other early kinds. Ears five inches long, perfect form, and well filled. The corn is tender and sweet. A very early and very small corn. All right if earliness alone is desired. Per pkt. 10c, pt. 25c, qt. 45c, pk. \$1.35.

**WHITE MEXICAN.** Many know the delicious flavor of the old Black Mexican Sugar Corn. Here we have a white variety which has all of the good qualities of sweetness and flavor of the old dark type. It is one of the very earliest varieties to mature that we have, furnishing edible ears from four to six days ahead of the Cory and quite as early as the Golden Bantam. The ears, in size and shape, are like those of the Black Mexican, apt to have the peculiar naked tip that is seen in the latter. We claim for the white Mexican a leading place in the very early sorts, owing to its being so deliciously sweet and of such fine flavor. Per pkt. 10c, pt. 20c, qt. 35c, pk. \$1.10.

**HOLMES' PREMIO 60-DAY.** This is a very fine, very early Sugar Corn; hardy and can be planted fully as early as the Early Adams, and seed does not rot easily when planted early. The stalks grow about five feet high and mostly bear two well-developed ears to the stalk. It is of extra fine quality, very sweet and delicious. A good early market sort. (See cut.) Per pkt. 10c, pt. 20c, qt. 35c, pk. \$1.10.

**MAMMOTH WHITE CORY.** One of the earliest varieties, well and favorably known in all parts of the country. It succeeds well where the seasons are short, and can be recommended for general planting. Ears six inches long, with eight rows of broad grains. Per pkt. 10c, pt. 20c, qt. 35c, pk. \$1.10.

**FIRST OF ALL.** Reaches maturity from two to seven days sooner than Cory, and we can confidently recommend it. It produces larger ears than Cory and more to the stalk, and will prove a boon to gardeners who desire to be first in market. It may be planted quite closely, on account of the comparatively small size of the stalks. It is the earliest table corn, and brings double the price that better corns command later. Per pkt. 10c, pt. 20c, qt. 35c, pk. \$1.10.

**KENDALL'S EARLY GIANT.** A meritorious variety, the leading feature of which in addition to its earliness is the large size of ears, which are 8 to 10 inches long and from 12 to 18 rows. Pure white in color, it is very sweet and tender. Pkt. 10c, pt. 20c, qt. 35c, pk. \$1.10.

**MASON'S FAVORITE.** This old and deservedly popular variety is one of the best early sorts for the market and private garden. Stalks about 5 feet high, with no suckers, and bearing one or two ears well covered with husks; ears long, eight-rowed; kernels very broad, sweet and tender, not shrinking much in drying. By careful selection we have developed a stock of this standard variety which is remarkably uniform and in which all the good qualities that have made this sort so popular are intensified. Per pkt. 10c, pt. 20c, qt. 35c, pk. \$1.10.

**BURPEE'S GOLDEN BANTAM.** A very early variety. The ears are of medium size, but are thickly set with delicious yellow kernels. The quality of this variety is superb, and it has become a general favorite early sweet corn with all who have tried it. Per pkt. 10c, pt. 20c, qt. 35c, pk. \$1.25.

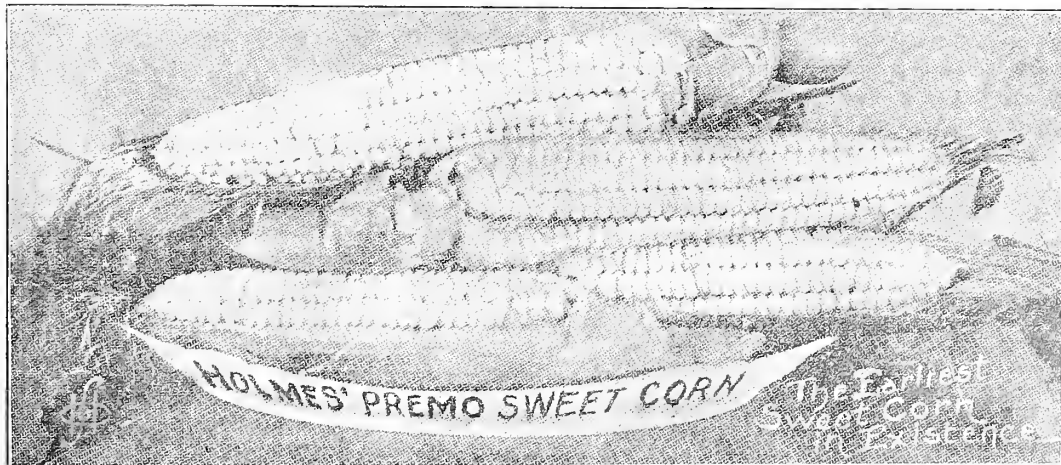
**MAMMOTH SUGAR.**— Produces the largest ears of any sort; excellent quality, sweet, tender, and delicious; late variety. Per pkt. 10c, pt. 20c, qt. 35c, pk. \$1.10.

## POP CORN

Pop Corn should be planted closely together so as to produce a small ear and grain, and the ears should be allowed to become thoroughly ripened on the stalk before they are gathered. The grain must be thoroughly dry before it can be popped; that is, grains a year old will pop more satisfactorily than those which are freshly gathered. One pint will plant about two hundred and fifty bills.

**QUEEN'S GOLDEN.** Stalks grow six feet high with large ears produced in abundance. It pops perfectly white, and a single kernel will expand to a diameter of nearly one inch. Per pkt. 10c, pt. 25c, by mail, postpaid. By express: 25c per qt., 4 qts. for 75c.

**WHITE RICE.** The most popular, widely known variety. Per pkt. 10c, pt. 20c, postpaid. By express: 20c per qt., 4 qts. 65c.



I'm so glad somebody said "Better late than never," so please do not think me ungrateful for the plants and seed sent. Also the extra plants. Perhaps it was not had to wait for results, for the roses have had beautiful blooms on. The sugar corn should be called 'Young's Wonder Corn' it is so tall and strong. Thanking you again, I am, sincerely, Mrs. Jno. P. Waldo, Danville, Ills June 26, 1914.

## EGG PLANT

This is a vegetable that should be more largely grown. People who have eaten it are always calling for it, as it has a rich flavor all its own that is fine. Plant and tend the same as peppers, and it is just as easy to get a crop, except that flea beetles and other insects are hard on it, but you can generally get ahead of them with tobacco dust.

The most popular and best known variety is the New York Purple, which is very large, smooth and thornless, and dark purple. The Black Beauty is very similar to it but darker in color and not so large.

**Black Beauty.** Large, thick fruits, very showy in form and color. The skin is a rich glossy purple-black, uniformly colored over the fruit. Free from spines. The plant is an abundant bearer and the quality is of the best. Pkt. 10c, oz. 35c,  $\frac{1}{4}$ -lb. \$1.00.

**Improved New York Spineless.** A handsome and very desirable variety, producing deep purple fruits of large size and beautiful form. Bears right up to frost. Pkt. 10c, oz. 25c,  $\frac{1}{4}$ -lb. \$1.00.

## LETTUCE

Lettuce is something that is found in every garden, and that everyone is fond of, at least in the early spring. It can be grown in any old corner, but does best in rich, warm soil. Plant very early, the earlier the better, and don't get it too thick. If you want good-sized heads, it ought to be thinned to several inches apart each way.

Probably the most popular variety of all for early use is the Simpson, or, as it is generally called, Black-seeded Simpson. It does not make a true head, but a loose fluffy bunch of tender, light green or creamy leaves. Delicate flavor and grows very thickly.

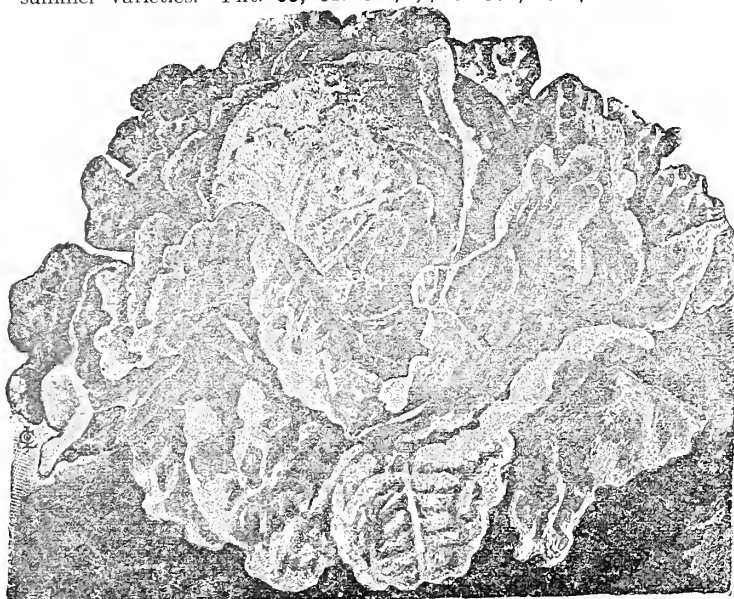
If you prefer a smooth-leaved, or as some people call them, cabbage-leaved variety of Lettuce that is extra early, you should use **California Cream Butter**. It is the earliest and tenderest of the cabbage-head varieties; and if well tended on rich ground will make a true head almost as solid as a cabbage head. The outer leaves are light green, slightly tinged with brown and the inner leaves creamy yellow. Fine, rich, buttery flavor.

The following varieties listed are all standard varieties.

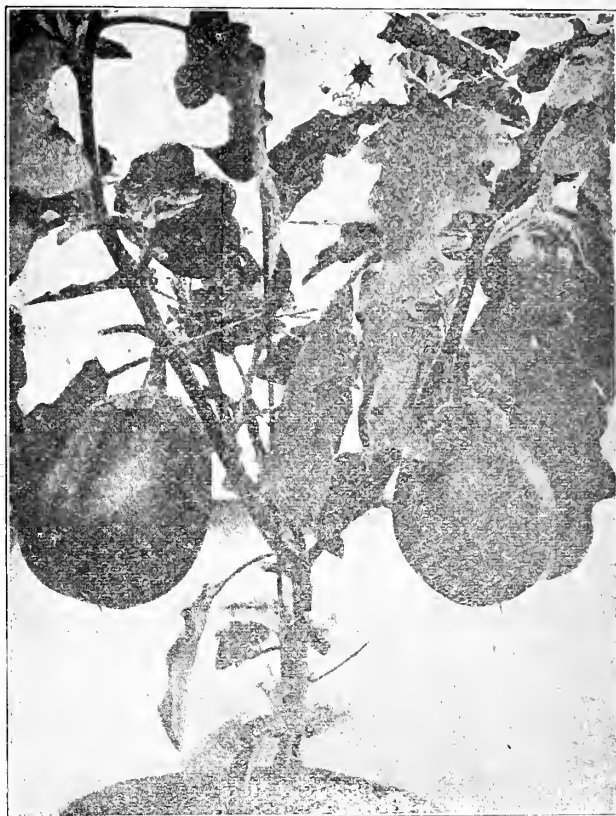
**Paris White Cos.** Of upright growth, with long, narrow leaves which should be tied up to blanch a week before cutting. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**Salamander.** A standard summer variety, forming a good-sized compact head. Light green outside, white inside. Will stand a good deal of hot, dry weather without burning or running to seed. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**California Cream Butter.** Round, solid, crisp heads, of a rich buttery flavor. Medium early. One of the best summer varieties. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.



California Cream Butter.



Egg Plant—Black Beauty.

**Simpson.** Good early sort. Forms a loose, fluffy bunch of light green or creamy yellow leaves. A quick grower, with a rich, buttery flavor. We consider this and the Hanson as our leaders. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**Hanson.** Our best seller. Although heads grow to an enormous size, the quality equals the very best. Sweet, tender and crisp; free from brittleness. Not recommended for forcing, but splendid for outdoor cultivation, if grown in rich soil. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**Grand Rapids.** Great for growing under glass. A quick, strong grower not subject to rot; very handsome. Does not wilt readily. Of upright growth and can be planted close together. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**Iceberg.** A very beautiful sort with large, curly leaves; light green tinged with red at the edges; crisp and of fine flavor. Heads solid and well blanched. Free from tendency to burst. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ -lb. 40c, lb. \$1.25.

**Boston Market.** When quickly grown, this is a very well-flavored variety. Heads compact, light green, slightly tinged with brown; rich, buttery flavor. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**St. Louis Market.** Unexcelled among the head Lettuces. Equally good for winter forcing and late summer planting. In fact, it is a first-class all-the-year-round variety. Heads large and solid; crisp and buttery. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**Early Prize Head.** A mammoth plant producing a loose cluster of bright green leaves tinged with bronze. The flavor is excellent and even the outer leaves are crisp and tender. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**Early Cabbage, or White Butter.** One of the best of the summer varieties. A good header of fair size. Leaves crisp and of first-class flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.



## MUSKMELONS (Cantaloupe)

**CULTURE.** Select rich, moist land, using 1 ounce to 100 hills, or 2 or 3 pounds per acre. Sow after all danger of frost is over, covering lightly and watering plentifully. Pinch off the early runners to promote stockier growth. Every home garden should have at least a few hills of Muskmelons to supply the table with first-class fresh fruit, which will be found far superior to the average shipped melons which must generally be picked green and ripened in cold storage.

**ROCKY FORD.** This is the variety that has made Colorado melons famous all over the country. The flesh is green, sweet and melting, good almost out to the rind. Seed cavity small. Average weight of melon about 1½ lbs. Our seed is the true strain, grown for us at Rocky Ford by an expert and saved from selected melons. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.

**BURRELL'S GEM.** (Pink meatd Rocky Ford.) Differs from the regular Rocky Ford in the flesh, which is pink or salmon. It is also more heavily netted and is a good yielder, out-selling Rocky Ford in some markets on account of its splendid quality. A good shipper. Pkt. 5c, oz. 15c, ¼-lb. 30c, lb. \$1.00.

**HACKENSACK.** A rather flat, deeply ribbed and heavily netted variety, hardy and productive. Flesh thick, firm and green; of delicious flavor. Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. \$1.00.

**OSAGE.** Fruits somewhat larger than the average; nearly round; flesh thick, firm, orange-yellow. Quality of the best. Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. \$1.00.

**LONG ISLAND BEAUTY.** Large fruits, deeply ribbed and closely netted; handsome and of delicious flavor. The flesh is green; fruits ripen quite early. Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. \$1.00.

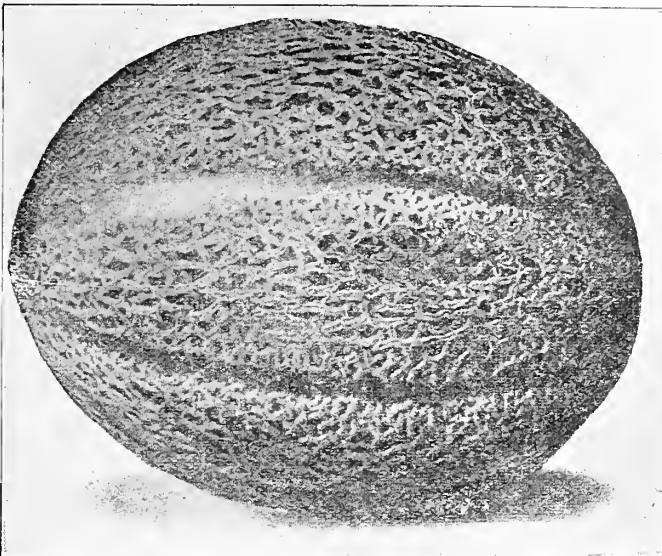
**PAUL ROSE.** As sweet as Osage and as finely netted and handsome as the netted Gem. Salmon fleshed, close grained; sweet and delicious. Fine shipper and keeper. Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. \$1.00.

**JENNY LIND.** Supposed to be the earliest Muskmelon, of uniform size, thick skin with small seed cavity. Size small to medium; vines of vigorous growth, abundant bearers. Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. \$1.00.

**EARLY NUTMEG.** The old-fashioned Muskmelon; small, early and sweet; vines prolific bearers. Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. \$1.00.

**EMERALD GEM.** One of the sweetest melons grown; rather small, smooth and green, even when ripe. Salmon-pink flesh, thick and sweet; vines prolific bearers. Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. \$1.00.

**BANANA.** A long slender melon with a fragrance like bananas; sometimes 15 to 20 inches long and 4 to 6 inches through; thick salmon-pink flesh; deliciously flavored. Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. \$1.00.



Rocky Ford Melon

## WATERMELONS

One ounce will plant about 50 hills.

**CULTURE.** Treat the same as Muskmelon, except that they should be planted eight or ten feet apart, according to variety.

The seed we offer is from the best growers, well matured and sure to grow and do well, but you must remember that Melon Seed will never grow when the ground is cold and wet—it must be warm and loose.

**TOM WATSON.** An extra long melon of attractive appearance, uniform in shape and quality. The luscious crimson flesh is "as sweet as honey," melting and of superb flavor. The average melon will weigh 35 to 40 pounds and measure about 28 inches long and about 12 inches in diameter. It is very prolific, producing in greatest abundance the large, delicious fruits. We have great faith in the **Tom Watson** and believe it is one of the very best Watermelons ever offered. Sure to take a leading place with large melon growers and shippers. Pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 75c.

**McIVOR'S WONDERFUL SUGAR.** One of the sweetest watermelons. The fruits grow large, but even at maturity, or in very wet weather, they do not burst or lose their fine flavor. The vine is productive and hardy. Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 60c.

**KLECKLEY'S SWEETS.** A variety of great merit. The skin is a little too thin to make it a good shipping variety, but for home use or local markets it is one of the leaders. The melons are large, oblong, with dark green skin and bright scarlet flesh: solid to the heart and of luscious flavor, ripening early. Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 60c.

**ICEBERG.** An early melon with red flesh and white seeds; highly prized by many growers. Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 70c.

**LONG DIXIE.** Splendid shipper; desirable on account of its great size and splendid quality. Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 80c.

**HALBERT HONEY.** Splendid for home use or for local markets. Even and regular in growth, averaging 18 to 20 inches long, with dark, glossy green skin; flesh rich crimson and good close to the rind. Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 70c.

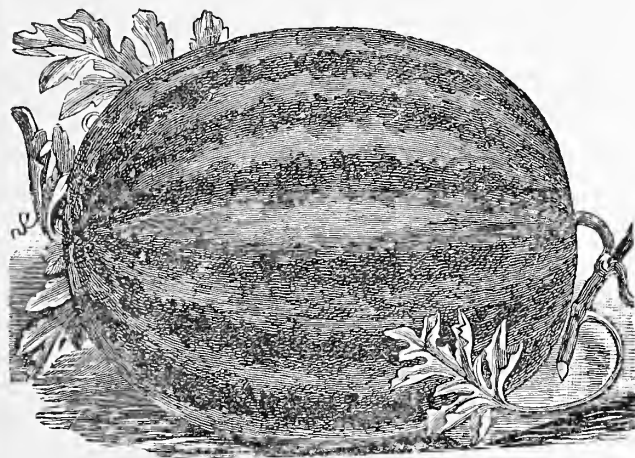
**FLORIDA FAVORITE.** Handsomely striped light and dark green; flesh bright crimson; ripens early and is an excellent shipper. Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 70c.

**COLE'S EARLY.** A small, early melon of good quality; well-formed and usually sells well at market. Pkt. 5c, oz. 10c, ½-¼-lb. 20c, lb. 60c.

**SWEETHEART.** Large, heavy melons, with pale green skin netted with darker lines; solid, deep rich red flesh, crisp and delicious; a first-class shipper. Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 70c.

**KOLB'S GEM.** A standard sweet variety, growing quite large and thick, striped dark and light green; bright red flesh of fair quality. Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 60c.

The plants ordered from you last week arrived in fine condition. Many thanks for prompt shipment. Mrs. Emma Saul, La Plata, Mo.



Watermelon—Cole's Early

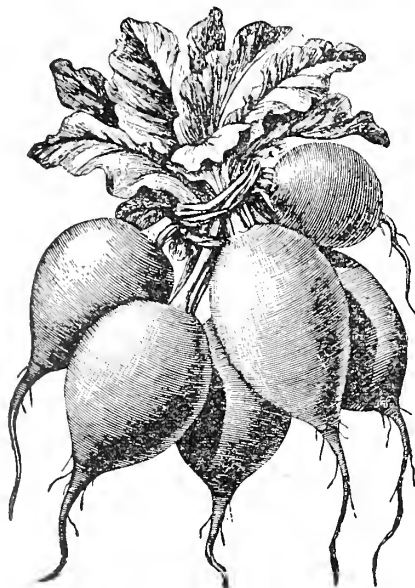
## Tobacco Dust For The Striped Bugs

The best remedy we have ever found for the striped bugs on watermelon vines is tobacco dust. This is simply a very strong grade of tobacco ground up into a fine powder like snuff. It is finer than flour and very strong. We don't know whether it kills the bugs or simply drives them away, but it sure does the business, somehow.

Also a spoonful of it piled around the stem of each plant will prevent borers which kill the vines later in the season.

Price, postpaid, 20c per lb.; by freight or express, 10c per lb., 12 lbs. for \$1.00, 30 lbs. for \$2.00, 50 lbs. or over, 5c per lb.





Early White Olive Shape

**LONG WHITE VIENNA, or LADY FINGER.** A long tapering Radish with pure white skin and mild, delicious flavor. Ready in 25 days. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 55c.

**WOOD'S EARLY FRAME.** Equally good for forcing or first-crop outdoors. Uniform; smooth, bright red skin; white, crisp, well-flavored. Continue brittle and tender until July. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 70c.

**CHINESE ROSE WINTER.** The best winter Radish. An introduction from China, where the gardeners grow delicious Radishes of a size that would astonish the average American grower. This particular variety is of medium size, with a bright tip, rosy red skin, and solid flesh of very good quality. An excellent winter keeper. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 60c.

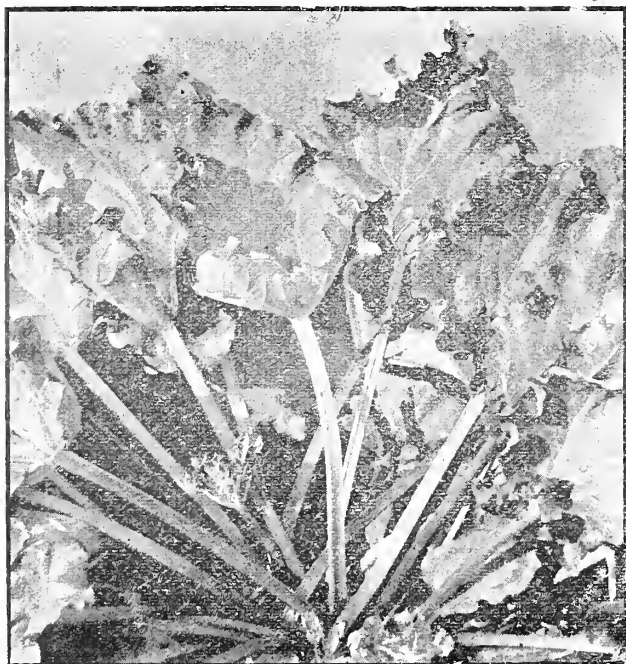
**ROUND BLACK SPANISH.** Three or four inches in diameter with black skin, and close-grained, white, highly flavored flesh. A good winter keeper. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 60c.

**MIXED RADISH SEED.** Recommended for small gardens or for planters who want a large yield of various sorts lasting through several weeks. Our mixture includes nearly all kinds. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 60c.

## Salsify, or Vegetable Oyster

**MAMMOTH SANDWICH ISLAND.** With us this grows as large as a good-sized parsnip. Has a mild, delicate flavor. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ -lb. 60c.

**LONG WHITE.** A favorite market variety of splendid flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 75c.



The Ever-bearing Crimson Winter Rhubarb

## RADISHES

**RADISHES.** Our radish seed is all French grown. Radish seed saved in this country is not at all satisfactory, as the radishes are inclined to be hot and run to seed too soon. The French stock is earlier and stands longer without becoming unfit to use.

**THE SECRET IN GROWING GOOD RADISHES.** In order to produce good Radish with crisp, tender flesh, grow them quickly in rich, loose soil and gather before reaching full size. Frequent plantings should be made for succession.

**ICICLE.** One of the best Radishes that we know of. It is pure white, rather long and tapering, remaining mild and crisp until quite large. The leaves are small, so that the Radishes can be grown close together than some other varieties can. For a succession plant every ten days. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 60c.

**EARLY SCARLET GLOBE.** One of the finest early, bright red Radishes in existence. Its quality and beauty make it doubly desirable for table use. Unequaled for forcing or planting outside—either for home or market. Quite round. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 75c.

**CRIMSON GIANT.** Will grow twice as large as other round Radishes without becoming bollow or losing its tenderness and mild flavor. Sometimes grows 2 inches or over in diameter. Round or oval. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 70c.

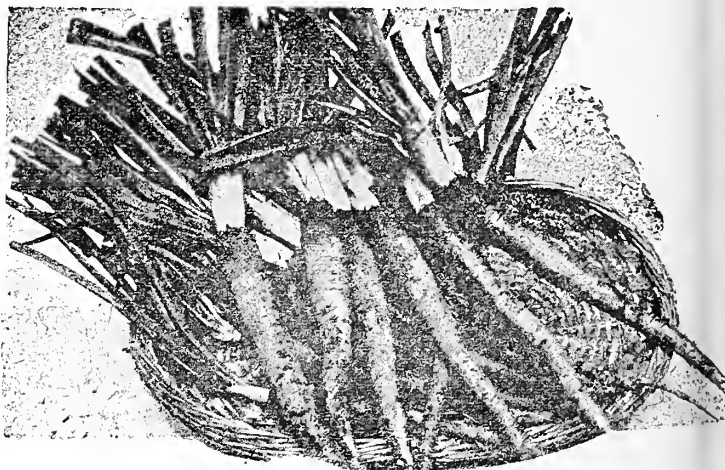
**EARLIEST WHITE TURNIP.** A medium-sized round Radish with pure white skin and small top. Quality excellent—mild and crisp. Can be grown outdoors or forced in hotbed or greenhouse. Ready in about thirty days after planting. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 65c.

**FRENCH BREAKFAST.** A white-tipped, half-long early variety. Skin glossy crimson on top, flesh mild and tender. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 70c.

**EARLY SCARLET TURNIP.** One of the very early Radishes; small and round. Bright red all over. A favorite for market and home gardens. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 55c.

**SCARLET TURNIP.** White-tipped; upper part bright scarlet. Splendid quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 55c.

**OLIVE-SHAPED WHITE.** Oblong, averaging possibly 2 inches in length and pure white, tender and delicious; a quick grower. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 75c.



Salsify

## RHUBARB

Sow in April in drills 18 inches apart, and cover the seeds with fine soil, pressing it down firmly. When the plants are strong enough, thin out to 6 inches. In the fall or the following spring, transplant the roots into deep rich soil, 3 feet apart each way.

### THE EVER-BEARING CRIMSON

This vegetable was introduced by Luther Burbank, of Santa Rosa, Cal., and claims it to be literally ever-bearing. The flavor is delightful, quite different from the common Rhubarb. It is fine grained, requires no stringing, so there is no waste and requires less sugar than the older variety. The color is beautiful when properly cooked and makes a most inviting dish.

We offer this in roots only, which should be planted with the crown above the surface. Plants freshly set out should have but one crown; if they have more, they divide the strength of the roots and give only small crowns. They should be planted from February to July. The plants should be set out 2½ feet apart, 6 feet between the rows, and thrive best in a well-drained, rich, sandy loam, and needs no fertilizer. (See cut.) Large roots, 25c each, 5 for \$1.00.

**LINNAEUS.** A well-known market variety, very early and tender. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$ -lb. 40c, lb. \$1.50.

**VICTORIA.** Very large, later than Linnaeus. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$ -lb. 50c, lb. \$1.50.

Wishing to thank you for your generous offer on clubs and the money you sent me. The plants were in perfect condition and are doing nice. The packages of seeds were generous; I could hardly find room for all. I have a good many promises of orders next year for you. Mrs. C. T. Rhodes, Springfield, Mo.



## Selected Varieties of Tomatoes

We make Tomatoes a specialty and our list will be found to contain the best varieties in cultivation.

For early plants, sow seed in boxes or hotbeds in March. When the plants are about 2 inches high, transplant to 4 inches apart each way. Set out of doors as soon as danger from frost is over. Transplant carefully four feet apart each way, and cultivate well as long as the vines will permit. To obtain early fruit pinch off the ends of the branches when the first fruit is set.

**YOUNG'S EXCELSIOR.** Early and bears fruit until cut off by frost. Fruit is purplish, always round, smooth and of good size, and is borne in clusters of four or five; free from cracks and stands shipment well. Flesh is solid and of excellent flavor. Excellent for home and market. Per pkt. 10c, oz. 35c,  $\frac{1}{4}$ -lb. \$1.00.

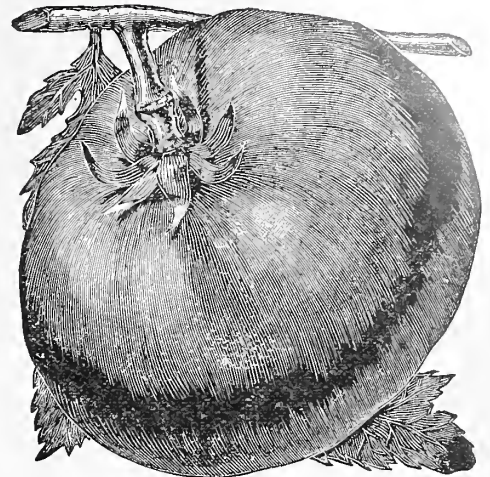
**SPARK'S EARLIANA.** It is the earliest large, smooth, heavy yielding red tomato. Not only is it desirable on account of its earliness and large size, but on account of its handsome shape and bright red color. Its solidity and fine quality are equal to the best medium and late sorts. Plants are very compact, with stout, jointed branches, and yet the vines yield enormously. Per pkt. 10c, oz. 30c,  $\frac{1}{4}$ -lb. 75c.

**JUNE PINK.** Has borne out all that was claimed for it, and we predict that the demand for it the coming season will be very large, as many markets want a pink-colored variety. It has proved itself, by all odds, the very earliest and most productive and best pink-fruited Tomato in the list. Per pkt. 10c, oz. 25c,  $\frac{1}{4}$ -lb. 75c.

**ACME.** A smooth purple variety of good size, grown extensively in the south for early shipments. Where the market calls for a purple or flesh-colored Tomato, this is a good one to grow. Medium early. Pkt. 5c, oz. 25c,  $\frac{1}{4}$ -lb. 75c.

**NEW STONE.** This is the best representative of the Livingston type of big, solid, "beefy" dark red tomatoes. It is the best of any kind of the large tomatoes. Is always smooth and remarkably free from rot. It is solid meaty, of good flavor, and remarkably prolific. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ -lb. 50c.

**CRIMSON CUSHION.** A continuous and late fruiter. Of immense size, often weighing a pound, and smooth as an apple. Ripens thoroughly all over. Nearly round and of a very good quality, being free from acid taste; color, bright scarlet. Nearly seedless and as solid as beefsteak. A prodigious bearer. Large packet 10c, oz. 35c,  $\frac{1}{4}$ -lb. \$1.00.



Young's Excelsior

**DWARF CHAMPION.** Very early, smooth, purple color, solid and good quality, but not very large. This is the so-called tree tomato. It makes a stiff, stocky bush and holds the tomato up off the ground well. Pkt. 5c, oz. 25c,  $\frac{1}{4}$ -lb. 75c.

**PONDEROSA.** This is the largest-fruited Tomato and is of fine quality for slicing. The vines are of strong growth; fruits largely oblong in form, deep through, and generally ridged or ribbed; deep purple in color. They are solidly fleshy with small seed cells; of fine sweet flavor. Per pkt. 10c, oz. 60c.

**LIVINGSTON'S BEAUTY.** Large, smooth, purplish-pink; thick flesh; regular form. The Smoothest and Best of the Large Purple Sorts. Vines large, vigorous and heavy bearers; fruit large, uniform in size, very smooth, color of skin purplish-pink; flesh light pink, and of excellent flavor. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ -lb. 70c.

## SMALL-FRUITED TOMATOES

The fruit of these is usually used for making fancy pickles, preserves, etc. The plants are extremely productive.

**YELLOW PLUM.** Fruit are yellow, plum-shaped, growing in clusters. Excellent. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ -lb. 60c.

**RED CHERRY.** Identical with the above except in color of fruit, which is of a light scarlet. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ -lb. 60c.

## TURNIPS

Early Turnips should be sowed or better, drilled in, very early. You can't get them in too early. Get the spring crop started so that the turnips may have time to grow before hot weather causes them to become tough and strong. Sow for main crop from the middle of July to the last of August. In the field, turnips are generally sown broadcast, though much larger crops are obtained by drill culture.

**EARLY WHITE SNOWBALL (SIX WEEKS.)** A perfect globe-shaped, white-skinned turnip. A good keeper; fine for family or market. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 50c.

**PURPLE TOP STRAP LEAF.** This is the old standby for late growing. Large, sweet and fine grained. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 50c.

**EXTRA EARLY PURPLE TOP MILAN.** Two weeks earlier than any other. Flat; white, with purple top, flesh white, fine grained and delicate. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 60c.

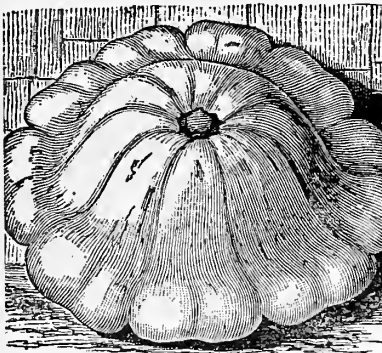
**EXTRA EARLY WHITE MILAN.** Similar to above, but pure white. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 80c.

**EARLY FLAT DUTCH, or White Strap-Leaved.** A standard flat variety; good size; pure white; small top, few leaves; good early or late. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 50c.

**GOLDEN BALL, or Orange Jelly.** Rapid grower; globe-shaped; bright yellow. Best yellow sort for table use. Keeps well into the winter. A very fine variety. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 60c.

## SQUASHES

Squashes should have very rich, loose soil and plenty of room. Make the hills far apart, and don't crowd them. Put in plenty of seed and, after the bugs get done with them, thin them out to about three plants in each hill.



White Bush Scallop

**WHITE BUSH SCALLOP (Patty Pan.)** Matunes early and will bear throughout the season if fruits are kept gathered. Squashes are clear white and of large size; flesh is thick and of fine quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 90c, postpaid.

**YELLOW BUSH SCALLOP.** A very early, flat, scallop variety of large size; color, yellow; flesh, pale yellow and well flavored. Has a very small seed cavity. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 90c, postpaid.

**GIANT SUMMER CROCKNECK.** The Summer Crockneck is a very old variety and almost everyone is familiar with it. In the Giant Summer Crockneck we have the earliest summer squash and one much larger than the common variety. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 75c.

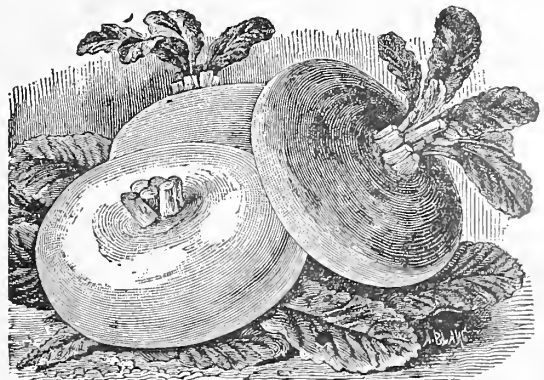
## Fall and Winter Sorts

**BOSTON OR AUTUMNAL MARROW.** Large, oval form; skin bright orange mottled with cream color; flesh rich salmon yellow, fine grained and good flavor, unexcelled for pies. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 70c.

**HUBBARD.** One of the best late varieties; fruit large, pear-shaped, skin very dark green; flesh bright orange yellow, fine grained, very dry, sweet and rich flavor. Very hard shell; excellent keeper. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 70c.

**ORDHOOK.** Flesh dry and sweet; early; a sure cropper, and productive. Skin thin and meat thick; equally good for summer and winter use. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 25c, lb. 65c.

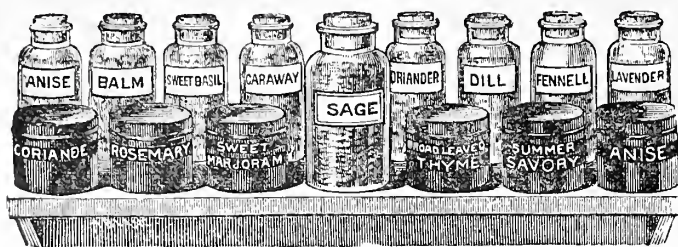
**ESSEX HYBRID.** One of the best winter varieties. Hard shell; solid, thick-fleshed, fine grained, rich flavored; prolific, and of the best quality. Flesh rich orange color. Turban-shape. There is no better sort for general crop. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 55c.



Turnip-Flat Dutch

Roses received in fine condition. Please send me another catalog of roses and shrubs. Mrs. J. E. Rowe, 306 N. 7th St., Hannibal, Mo.





### Holt's Mammoth Sage (PLANTS ONLY)

The plants are very strong growing, the first season attaining 1 foot in height, and spreading so that a single plant covers a circular space 3 feet in diameter. The leaves are borne well above the soil, keeping them clean; they are very large and of unusual substance, strong in flavor, and of superior quality. It is perfectly hardy. It is the most desirable sage, but never seeds. 3 plants for 25c, 7 for 50c, or 15 plants for \$1.00, sent safely by mail, postpaid.

### Tobacco Seed

**CULTURE.** Sow seed in February, in the plant-bed, protected by plant-bed cloth to keep off tobacco flies. When the plants are large enough in June, set them out in highly manured soil, in rows  $3\frac{1}{4}$  feet apart and 3 feet between the plants. Constant care must be given to cultivating, succoring, examining for worms, etc. One ounce will sow a bed of 50 square yards.

**CHOICE HAVANA.** Has a large leaf; makes a fine quality; very early. Pkt. 10c, oz. 25c,  $\frac{1}{4}$ -lb. \$1.00, lb. \$3.00.

**CONNECTICUT SEED LEAF.** Leaves not so long but of good width. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ -lb. 60c, lb. \$2.00.

### Spinach

An easily grown plant, the seed of which may be planted in the fall to secure good spinach early in the spring or even throughout the winter. The better and richer the soil, the larger and more tender the leaves will be.

For the winter crop sow in September. It may be covered up in exposed places with straw or hay during the winter. For summer use sow in March or April.

**BLOOMSDALE, OR SAVOY-LEAVED.** The earliest of all the varieties, and one of the best for autumn planting for early spring use. The leaf of this sort is wrinkled in the same manner as the Savoy Cabbage. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 15c, lb. 35c.

**ROUND THICK LEAVED.** A rapid-growing variety forming clusters of large, very thick, slightly wrinkled leaves. A favorite with market gardeners. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 15c, lb. 35c.

**PRICKLY WINTER.** A very hardy variety and will withstand severe weather better than any other sort. It is used largely for fall sowing. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 15c, lb. 35c.

**LONG STANDING.** This excellent variety comes quickly to maturity and remains in condition for use much longer than other sorts. The leaves are smooth and very dark, rich green. In our estimation the best for the private garden, as it is one of the most popular and profitable with market gardeners. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 15c, lb. 35c.

**VICTORIA.** This variety is an acquisition to the list of Spinach; it matures later than the other varieties, but is of remarkably fine texture, of the deepest green, heavily crimped, thick, fleshy leaves, deep red stem; it is now grown extensively by the truckers of our markets, who would not be without the "Victoria." Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 15c, lb. 40c.



Spinach—Bloomsdale

## Mammoth Russian Sunflower

### The Giant of all Sunflowers

Valuable to grow for chicken feed. Each plant makes a big head often a foot across. Plant and tend like corn and they will yield about the same.

The single heads measure twenty-two inches in diameter and contain a large quantity of seed, which is highly valued by all farmers and breeders who have tried it as an excellent and cheap food for fowls. They fatten well on it, and attain a bright, lustrous plumage and strong, healthy condition better than on any other food. It can be raised cheaper than corn. Lb. 25c, by mail, postpaid; 15c per lb., purchaser paying charges.

I have received the bulbs ordered of you; No. 6459. Am well pleased with them and thank you for the "extras." Respectfully, Anna E. Freytag, Graham, Mo., Sept. 26, 1914.

## Herbs

Utilize the corners for a few Pot and Sweet Herbs (for flavoring meats, soups, etc.) Indispensable to every garden, while Medicinal Herbs will be found useful. Thrive nicely along sunny side of fence in a deep, fairly rich soil.

### Varieties of Herbs

**LAVENDER.** A popular aromatic herb, emitting a delightful perfume. Pkt. 5c, oz. 20c.

**BASIL, SWEET.** The leaves and tops of the shoots are used for highly seasoned soups, stews and sauces; a leaf or two is sometimes placed in salads. Per pkt. 5c, oz. 20c.

**BORAGE.** Excellent for bees. The leaves are used in salads or boiled as spinach, the flowers are aromatic and used in cool drinks. Per pkt. 5c, oz. 20c.

**ROSEMARY.** The aromatic leaves are used for seasoning. The oil from the flowers is the chief ingredient in "Eau de Cologne." Pkt. 5c, oz. 40c.

**DILL.** The aromatic seeds are used in pickles, preserves, soups and sauces. Per pkt. 5c, oz. 10c.

**FENNEL.** The leaves boiled enter into many fish sauces, and are beautiful for garnishing, the seeds are employed in confectionery and for flavoring liquors. Per pkt. 5c, oz. 10c.

**SAGE.** The leaves are used in dressings and sauces. Per pkt. 5c, oz. 20c.

**SAVORY, SUMMER.** Used for seasoning and flavoring soups and dressings. Per pkt. 5c, oz. 15c.

**THYME, BROAD-LEAVED.** The leaves are dried for seasoning, also useful as a bee food. Per pkt. 5c, oz. 30c.

## Sorrel

The improved varieties of Sorrel when well grown and cooked like spinach make a very palatable dish. Sow in drills early in spring and thin the seedlings to six or eight inches apart in the row. One may commence cutting in about two months, and the plants will continue in full bearing from three to four years.

**LARGE LEAVED FRENCH.** The best garden variety, having large, pale green leaves of fine quality. Pkt. 5c, oz. 10c, 2 oz. 15c.

### Cultural Directions

To help beginners and others who are not fully posted on gardening, we have had the following leaflets printed. They are yours for the asking. We send them free. In sending in your order just state the leaflets wanted.

How to grow Asparagus.  
How to grow Cabbage and Cauliflower.  
How to grow Celery  
How to grow Cucumbers under glass.  
Hot Beds and Frames.  
Mushroom Culture.  
Culture of Onions.  
Lettuce in the open and under glass.  
Tomatoes, outdoors.  
Tomatoes, under glass.  
Melons under glass and in the open.  
Culture of Vegetables.



## Vegetable Plants and Roots

The plants listed below are grown at our nursery grounds, where we have facilities for growing large quantities of the very finest quality. All plants should be sent by express.

Cabbage, Cauliflower, Pepper and Sweet Potato Plants; by mail, if desired, at 25c per hundred extra. Our potted Eggplants, Pepper, and potted Tomato Plants have a great reputation. They are grown cool and stocky. If wanted in quantity, order early and at special prices.

**ASPARAGUS ROOTS.** We offer strong two-year-old roots of the following varieties.

If wanted by mail add 40c per hundred to the price of Asparagus Roots.

**BONVALLET'S GIANT.** A fine early variety, yields abundantly, free from rust, the stalks possess fine flavor. \$1.25 per 100.

**PALMETTO.** A popular variety, large size and valuable for market. \$1.00 per 100.

**COLUMBIAN MAMMOTH, WHITE.** Robust grower, stalks clear white and highest quality. \$1.00 per 100.

**CONOVER'S COLOSSAL.** A standard sort, color deep green, quality first-class, spreads less than other sorts. Yields from 15 to 30 sprouts from a single plant. 90c per 100.

**BARR'S MAMMOTH.** A very early variety, stalks frequently 1 inch in diameter. Yields abundantly. \$1.00 per 100.

**YOUNG'S CIRCULAR ON ASPARAGUS CULTURE FREE.**

**CABBAGE PLANTS.** Early transplanted plants, ready in March, hardened off in a cold frame. Varieties: Jersey Wakefield, Henderson's Early Summer and Premium Flat Dutch, Daniel's Defiance, etc. Price, 25c for 25; 40c for 50; 65c per 100.

**CAULIFLOWER PLANTS.** The earliest and best for open ground culture; transplanted, 25c per doz.; \$1.50 per 100.

**CELERY PLANTS.** Ready in June, White Plume, Golden Self-Blanching, Giant Golden Heart, etc. Per doz. 15c; 50c per 100.

**LETTUCE PLANTS.** Ready in April. Head and Curled-Leaf varieties grown in flats. 20c per doz.; \$1.75c per 100.

**EGG PLANTS.** Ready in May and June. New York Improved Large Purple, grown in pots, 50c per doz.; \$4.00 per 100.

**PEPPER PLANTS.** Ready in May and June. Bell or Bullnose, Chinese Giant, Long Red Cayenne. Grown in pots. 49c per doz.; \$1.00 per 100; out of hotbeds, 30c per doz.; \$2.00 per 100.

**TOMATO PLANTS.** Ready in May and June. We make a specialty of Tomato Plants, and can supply all the leading varieties. Young's Excelsior, Livingston's Beauty, Early June, New Stone, Ponderosa, etc. Pot grown. (See cut.) 40c per doz.; \$3.00 per hundred. Transplanted plants, 25c per doz.; \$1.50 per 100.

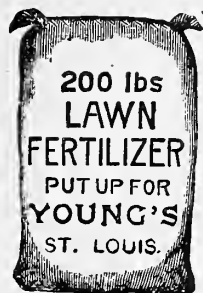
**SWEET POTATO PLANTS.** Ready in May and June. We grow large quantities of the Red and Yellow Nansemond and are in a position to make contracts for large lots. 40c per 100; \$3.00 per 1000.

**RHUBARB ROOTS.** Set in spring they will furnish leaf stocks the following season. Clumps, each, 15c; doz. \$1.50; not prepaid. Small roots, each 10c; doz. \$1.00; by mail, postpaid.

**HOBBARADISH SETS.** Roots will produce good Radish fit for use in one season's growth. Plant the small end down, so that the top will be two inches under the soil. 15c per doz.; 50c per 100.



Showing growth of our Tomato plants transplanted to pots. We grow other vegetable and flowering plants just as carefully.



## FERTILIZERS

### For Lawn, Garden, Field and House Plants

**YOUNG'S BONE MEAL.** This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid. Is made from bone accumulated in large slaughter-houses. Price: 5 lbs. 25c, 10 lbs. 50c, 25 lbs. 75c, 50 lbs. \$1.25, 100 lbs. \$2.25.

**YOUNG'S HIGH-GRADE TRUCK AND FARM MANURE.** This is our best brand of concentrated manure, suitable for lawns and flowers as well as vegetables. It is of exceptional value and will prove a money maker to every farmer or gardener that uses it. 25 lbs. 70c, 50 lbs. \$1.25, 100 lbs. \$2.40, 200 lbs. \$4.60, 500 lbs. \$11.25.

**SHREDDED CATTLE MANURE.** An efficient, high-grade natural fertilizer for all general purposes. There is no offensive odor, and when spread on lawn and garden it works down into the soil so there is no refuse to blow about or be raked off when the growing season begins. If applied to the lawn in the fall it protects the grass roots all through the winter. It is as easy and cleanly to handle as grain, being perfectly dry, and can be stored anywhere until wanted for use.

Price, 5 lbs. 20c, 10 lbs. 35c, 25 lbs. 75c, 50 lbs. \$1.15, 100 lbs. \$2.00, 500 lbs. at \$1.75, delivered in city.

**BOWKER'S FOOD FOR FLOWERS.** A fertilizer made expressly for flowers grown in the house or garden, producing a healthy and luxuriant growth. It can not in any way harm the plant if applied according to directions which accompany each package. Small package, 15c, by mail, 25c; large package, enough for 20 plants for one year, 25c, by mail, 40c.



## PULVERIZED SHEEP MANURE

**It is Convenient.** Being thoroughly dried and finely ground, Pulverized Sheep Manure is in a convenient form for use on the lawn, in the garden, in the greenhouse, or for potting soil. Most of the weight has been removed in drying.

**It is Natural.** A pure animal fertilizer. No chemical change or loss of plant food occurs in drying and grinding. Adds organic matter to the soil by nature's own method.

**It is Inoffensive.** Unequalled for the lawn. Is a top dressing of Sheep manure, without any unsightly appearance or offensive odor.

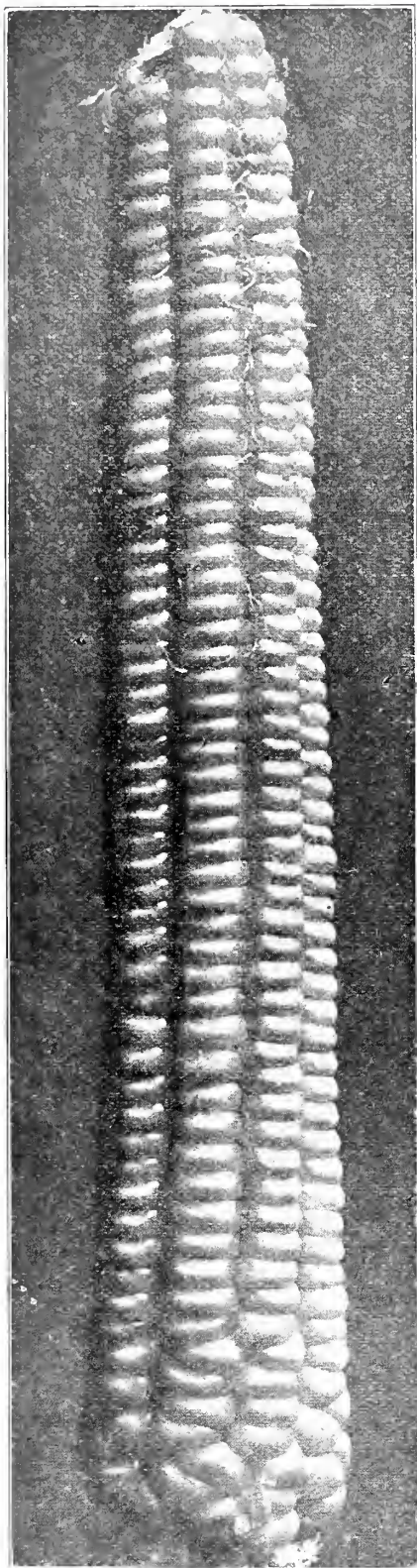
**There is no Risk.** Contains no acids or chemicals to burn the sprouting seeds or roots of plants. May safely be used wherever stable manure would be desirable, and without inconvenience.

**On the Lawn.** The first shower or watering, following an application of Pulverized Sheep Manure, produces a luxuriant dark green growth. The insoluble particles, gradually decaying, feed the grass roots for a long time, so that the effect is lasting.

**In the Garden.** Pulverized Sheep Manure is convenient; it furnishes plant food in the best form for growing plants of all kinds; and it adds organic matter, or humus, to the soil, thus keeping it in a good mechanical condition. Commercial fertilizers cause the soil in time to become hard and dry.

Price: 5 lbs. 25c, 25 lbs. 75c, 50 lbs. \$1.25, 100 lbs. \$2.00, not prepaid.





## Kaffir Corn

A Great Fodder Crop. The Finest Grain for Poultry and Pigeons

(50 lbs. to bushel.) Greatest grain producer of the Cane family; eaten by all domestic animals, whether fed in the grain or ground and cooked. For grain, sow at rate of 5 to 7 pounds per acre and cultivate same as corn.

$\frac{1}{4}$ -lb. 10c, lb. 25c, 3 lbs. 50c, postpaid.

## CHOICE SEED CORN

For farmers who may desire to change, add to, or renew their planting seed stock we recommend our "Extra Selected Hand-Picked" quality, selected on the ear from crib prior to being shelled—thoroughly Rescreened, "Tipped" and "Butted" and thoroughly hand-picked.

## Price List of Seed Corn

Extra-selected seed, butted and tipped by hand, shelled and graded and hand-picked, tested before shipping. Peck 75c,  $\frac{1}{2}$ -bush. \$1.25, bush. \$2.50. F. O. B., St. Louis.

**IMPROVED LEAMING SEED CORN.** The Leaming, in its various types, is probably more largely planted, now, both in northern and in southern states, than any other field corn known. The ears are very handsome, of good size, with fair-sized grain of a deep orange color and small, red cob. The stalks grow to medium size (not large), with few suckers, slender and leafy, making most excellent fodder, and usually produce two good ears to a stalk. It husks and shells easily; ripens in from 90 to 100 days, and never fails to make a good crop.

**WHITE CAP YELLOW DENT.** This variety maintains its high reputation, and from all quarters our customers assure us that this is the best and earliest of the large Dent sorts. It combines more solid merit than any corn grown, being suitable for all kinds of soils, but especially suited to poor, thin soil, where it has out-yielded the well-known Leaming by at least 30 per cent. The grain is deep, flat and closely set together on handsome ears, white at the tip end, balance yellow.

**GOLDEN BEAUTY SEED CORN.** Where earliness is not an essential feature, the Golden Beauty is a fine corn. It has the largest, broadest grains of any variety offered. The richness of color and fine quality of grain make it a superior kind for grinding into meal. Time of ripening is from 110 to 120 days. Stalks grow vigorously to a height of 8 to 10 feet. This corn is better adapted for Missouri and Kansas, where the ears and grains will grow larger.

**CHAMPION EARLY WHITE PEARL.** Ears are large and well filled at both ends, the white cob being hardly visible. The kernels are deep and wide, ranging from 16 to 22 rows to the ear. The corn is medium early and yields frequently 75 bushels to the acre. Our stock this season is dry, well matured, and pure white. White corn stands the drouth much better than yellow, and usually sells for more money on the markets. We have had high praises for this corn, and you cannot do better than give it a trial.

## White Hickory King Corn

**HICKORY KING.** The most famous White Corn for Southern States. The tapering ears run very large. The general conformity of the ear varies greatly, as this corn has been bred for small cobs and large kernels, making a corn that cannot be surpassed in shelling qualities. The corn requires a rich soil and a shade better than 120 days to mature. The foliage is abundant, usually two ears to a stalk, and very few barren stalks. Especially easy to husk. Our corn is grown in Northern Missouri by a most careful breeder.

**EARLY MASTODON YELLOW FIELD CORN.** This is the earliest of the large yellow field corns. Has been known to ripen in 96 to 100 days. Heavy yielder, large grained and of extra early quality. Hardy, height medium, but a strong rapid grower.

## FARM SEEDS

PRICES SUBJECT TO MARKET CHANGES

### Dwarf Essex Rape

Valuable forage plant; fine for fattening calves, sheep, lambs or young hogs. Prepare ground as for turnips and sow as soon as frost is out; or sow in June or July broadcast, at the rate of three or four pounds per acre. Please note that Rape is for pasture and not for hay. Our stock is the true Essex Dwarf. Postpaid,  $\frac{1}{4}$ -lb. 15c; lb. 30c.

### Cowpeas

Good pasture for cattle, sheep and swine; it is also valuable for a nitrogen crop in orchards and elsewhere—for which purpose it must, of course, be plowed under without cutting. When used as pasture the early pods should be well formed before turning in the stock. When pastured by swine, the crop should be allowed to get nearly ripe. When used as a fertilizer, plow under when plants are in full bloom, as they are then in the richest stage of their development.

**WHIPPOORWILL.** Is a medium early sort, making a rather stocky, heavy growth of vine with a large amount of seed. It is probably the best general purpose variety grown. Seeds are speckled brown in color. Price subject to change.

**NEW ERA.** The earliest variety and the quickest to make heavy growth. They are bushy in form rather than trailing, and will just about meet across a 3-foot row. For the northern part of the corn-belt and for quick results anywhere they are the best variety to grow, making heavy yield of seed and a fine quality for hay. Price subject to change.

**MIXED.** Many farmers, especially in the South, prefer to grow the Cowpeas mixed, several varieties together, as they claim they get better average results one season with another. A great deal of the seed we get is harvested from these mixed fields and we have to sell it that way. Price subject to change.

#### SMALL AMOUNTS OF COWPEAS BY MAIL

We want every farmer to try at least a few Cowpeas, so we will send small amounts by mail, postpaid, as follows: Large package 10c, lb. 25c, 3 lbs. for 60c.

### Sugar Cane

Valuable for a green-fodder crop; we consider it one of the best green foods for cattle, horses and young stock during the dry spells of August and September. It makes a rich, rank growth and supplies a lot of nourishing feed for a little money. \$1.00 worth of seed will sow nearly a half-acre.

We offer Northern seed. It should be sown at the rate of 60 pounds to the acre.  $\frac{1}{4}$ -lb. 10c, lb. 20c, postpaid.



Lawn Seeded With Our Lawn Grass Seed

**Ready for Mowing in Four Weeks.** If you will prepare the soil in good shape and keep it moist until the grass gets started, you can have a lawn ready to mow in four weeks from the time you sow the seed and it will keep coming and getting better all the time. Be sure and use plenty of seed, not less than one quart for each three hundred square feet. For instance, if you have a plot of ground 20x30 feet, that would be six hundred square feet, and you should use two quarts of seed. Of course, if you want to patch up an old lawn, which already has some grass on it, you could use less seed, but it is much better to use too much rather than not enough. Grass seed is ordinarily figured at 14 lbs. to the bushel, but we have used clean, solid seed and our mixture weighs 20 lbs. to the bushel and we sell it on that basis.

Price: Quart 30c. Postpaid, peck \$1.00, hushel of 20 pounds \$4.00, by Express at purchaser's expense.

**YOUNG'S GRASS SEED MIXTURE FOR SHADY PLACES.** This is a mixture of extra-fine grasses adapted for growing in the shade and under trees. We recommend it wherever other grasses have failed to make a close sward on account of shade. Quart, 35c. Postpaid, peck \$1.25, bushel \$4.50.

**KENTUCKY BLUE GRASS SEED.** Extra fancy, re-cleaned. Many prefer this to a mixture, and the fact cannot be denied that a lawn of Blue Grass only is magnificent; it takes longer, however, to get it established. In conjunction with White Clover, it forms the finest and closest turf. It will show green early in spring, and keep green until covered with snow. Sharp hoofs do not seem to affect it seriously, nor is it damaged by hot sun or dry weather. Our seed is all new crop, Kentucky grown, and is of the very best grade, fancy cleaned. Lb. 35c, pk. \$1.00, postpaid; by express at purchaser's expense, bushel \$3.00.

**WHITE DUTCH CLOVER.** The very best variety for lawns, as it forms a close herbage, never gets so high that the mower cannot use it, and remains green throughout the season. Sow at the rate of 5 lbs. per acre, when sown alone; half the quantity when sown with other grasses. Per lb. by mail, postpaid 75c.

**MAMMOTH RED CLOVER.** This is a larger, later variety of Clover, somewhat resembling the ordinary Medium Red, or June Clover. It is much ranker in growth, and for that reason is not suited to rich land, or even average good land, as it grows so rank and coarse that it is impossible to cure it. It generally ranges in price about same as ordinary Clover or from 25c to 50c per bushel higher. Lb. 35c. Postpaid, prices on larger quantities on application.

**ALSIKE CLOVER.** (Swedish Clover.) Has a bloom somewhat like White Clover, but more pink. Especially suited to low, wet land where red Clover will not thrive. Lb. 35c; for bushel and larger quantities, write for prices.

**ALFALFA, or LUCERNE.** Alfalfa is being more generally grown as experience is teaching our farmers the proper soils on which it should be sown. It requires cutting at least twice the first season, even if not large enough to make hay. Cutting destroys any weeds that may come up in it, and gives the Alfalfa a chance. Must be sown at the rate of 20

## YOUNG'S Famous Lawn Grass Seed

Some people seem to think that it is a hard matter or impossible to get a nice lawn started, but we have always found it very easy, if you use good seed and pay attention to getting the ground prepared in good shape to start with.

**PREPARATION.** In the first place you must, of course, have soil that is fairly rich. If it is real poor and thin, sandy, or sour heavy clay, you will have to add some good soil to it before you start. It must be worked up fine and mellow and free from sticks, trash, clods and stones. You can't cultivate lawn grass after it is planted so you must do all your cultivation beforehand. When you get the ground nicely fixed, sow the seed broadcast at the rate of one quart to three hundred square feet, and then rake it in so it will be covered nicely. Of course it must be kept moist until it gets well started. Grass is mighty tender stuff when it is young, and if it gets dried out down to the roots, it will kill out, but if you can keep it moist and growing until it is two or three weeks old, the chances are you will have no further trouble getting a nice lawn. Of course the richer the soil the better chance you will have and the quicker you will get a good growth of grass. Rich soil, plenty of moisture and plenty of good seed will give you a fine lawn in a short time.

**OUR LAWN GRASS MIXTURE** we believe is the best mixed lawn grass you can buy anywhere. It is good, solid, clean seed, free from weed seeds and trash. It is guaranteed to show high germination and start quickly and evenly. It will thrive in any part of the country and on any soil that is fairly rich and moist. It will stay green all summer and will make smooth, velvety, close-woven sod, which is what we all want.

to 25 pounds per acre when sown broadcast. It requires well-drained, well-pulverized, deep soil, and should be sown after danger of freezing is over. It prefers sand or gravel subsoil; wet soil is fatal to the plant. Roots from 3 to 15 feet deep, and when established lasts for years, and two or three crops a year can be cut. Not recommended for pasture. We make a specialty of extra choice seed-stock that stands well above 99 per cent pure. Get our prices and samples before ordering. Lb. 40c, postpaid; by express or freight, 10 lbs. \$2.80.

**ENGLISH OR PERENNIAL RYE GRASS.** This is becoming well-known in this country as a valuable pasture grass which will bear frequent close cropping. Produces an abundance of foliage which remains bright and green during the season. The hay is relished by all kinds of stock. Per lb. 25c. Postpaid, per hu. \$2.50.

**CANADIAN BLUE GRASS.** Resembles Kentucky Blue Grass, but is not of so good quality. It will thrive even on hard clay soils and, having an extended root development, forms a heavy turf. Extra-cleaned, lb. 25c, by mail, 35c; peck, 75c; hus. \$3.00.

**RED-TOP (Solid Seed.)** A valuable grass for moist, rich soils, where it thrives luxuriantly. Good to sow with Timothy and Clover for meadow or pasture and is more permanent than either of the other two. Lb. 40c. Postpaid. Write for prices on larger quantities.

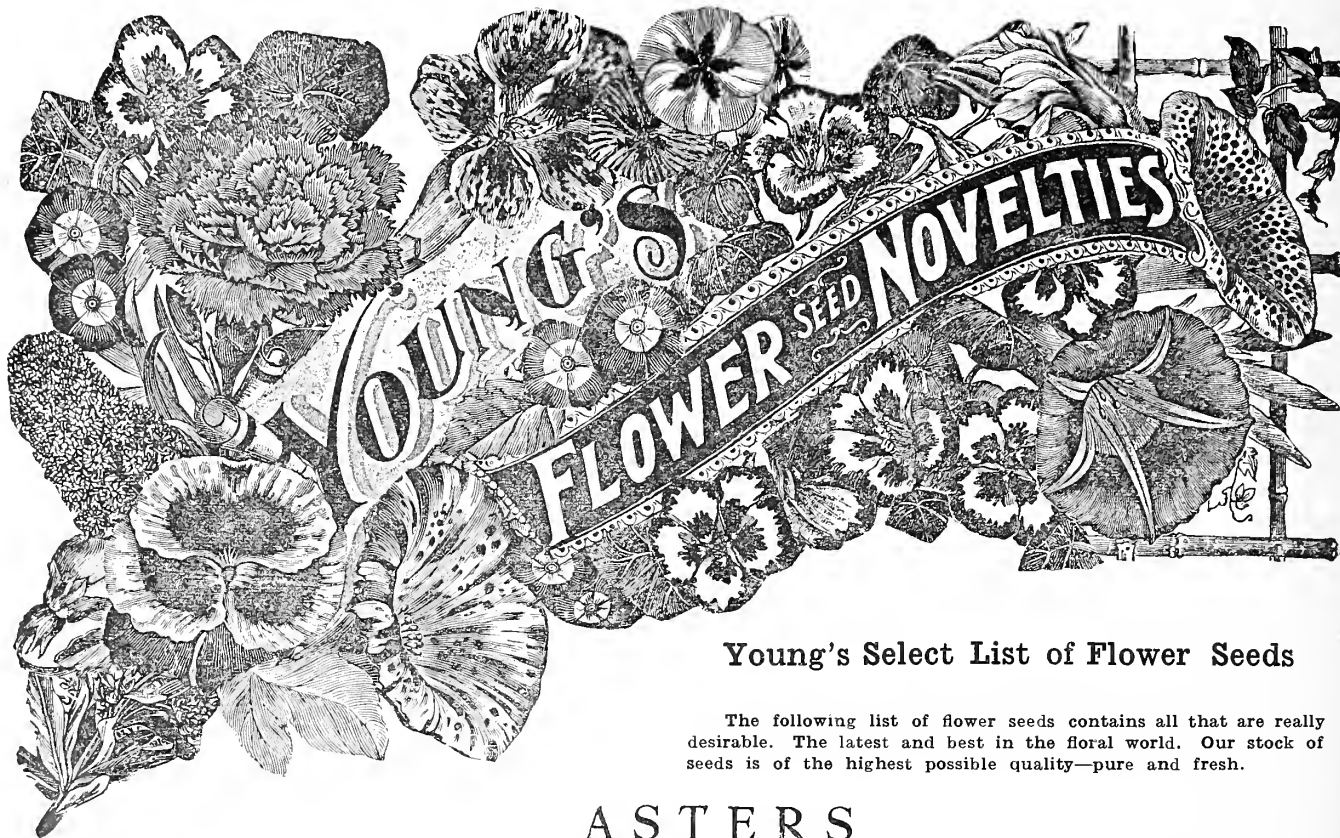
**ORCHARD GRASS.** A valuable grass for pasture or hay land, and on account of its earliness, is very well adapted for a permanent pasture. When closely cropped it grows up very quickly and is ready for grazing again in ten to twelve days. Lb. 35c. Postpaid. Ask for prices in quantity.

**TIMOTHY.** Succeeds well on most soils, and stands extreme drought, heat or cold. It makes the very best and most nourishing hay. Lb. 25c, hus. of 45 lbs., market price.

**SWEET VERNAL GRASS.** Keeps up a continuous growth until late in the autumn. A little of this seed sown in the hay field gives off a fragrant odor and sweetens the hay. Lb. 75c, hus. of 10 lbs., \$6.00.

**BERMUDA GRASS.** Invaluable for the south. It will stand a greater degree of heat than any other known grass. Lb. 75c.





## Young's Select List of Flower Seeds

The following list of flower seeds contains all that are really desirable. The latest and best in the floral world. Our stock of seeds is of the highest possible quality—pure and fresh.

## ASTERS

Of flowers grown from seed, few are more satisfactory than Asters. They are easily grown in any good soil, in any location, and by any one. They will grow in open ground or in partial shade. They bloom at a time of the year when other flowers are scarce, and from July till frost they furnish a wealth of bloom. The seed can be planted either in the open ground or in a hotbed or coldframe, or the plants may be started in a box in the house.

We can supply Aster plants from pots after April 15th, at 50c per dozen, postpaid.



Aster—Snowdrift

**IMPROVED VICTORIA ASTERS.** Of all the large-flowered Asters none surpass this truly magnificent class. The plants themselves are strong growers, and produce profusely the most beautiful imbricated flowers. Undoubtedly the most handsome Aster in cultivation, and we have an excellent strain of it. Flowers very large and perfectly double, of globular shape and imbricated; plants are of fine pyramidal form,  $1\frac{3}{4}$  feet high.

**MIXED COLORS.** Very fine. Pkt. 10c.

**SEMPLE'S BRANCHING ASTER.** The Branching Aster is quite different in several respects from any Aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are of extraordinary size and exceedingly graceful, and are borne erect on very long stems. Blooms until fall.

White, pkt. ....	10c.	Rose and White, pkt. ....	10c.
Lavender, pkt. ....	10c.	Crimson, pkt. ....	10c.
Flesh Pink, pkt. ....	10c.	Mixed, pkt. ....	10c.

This entire collection of 5 pkts., 40c.

**QUEEN OF THE MARKET.** The earliest first-class Aster, coming into flower almost a month in advance of the later sorts. The flowers are good size borne on long stems, making them very valuable for cutting. Mixed Colors, pkt. .... 10c.

## SIX BEAUTIFUL NEW ASTERS

**EARLY SNOWDRIFT.** The earliest Aster in cultivation; blooms in July; flowers white, of the ostrich feather type. Pkt. 15c.

**LAVENDER GEM.** Charming lavender, deepening with age; flowers full, double, borne in profusion on long, slender stems. Flowers large. Pkt. 15c.

**PURITY.** Snow-white, medium-sized flowers, borne like snowballs all over the compact plants. Pkt. 10c.

**DAYBREAK.** Delicate shell-pink flowers; round, large and full. Borne on long, stiff, erect stems. Pkt. 10c.

**ROYAL PURPLE.** Flowers large and full, with petals closing over the center; the flowers are especially durable and are borne till late fall. Pkt. 15c.

**OSTRICH-FEATHER, YELLOW.** Petals curled and twisted, producing an attractive feathery effect; plant branches close to the ground and blooms early in great profusion. Pkt. 15c.

**SPECIAL OFFER.** The above 6 varieties for 50c.

**YOUNG'S SUPERB MIXTURE OF ASTER SEED.** This mixture includes the best of all Asters, and is absolutely unexcelled. Our special strain has been especially selected from the large size flowering type. They will all grow about the same height. Buy Young's Mixture of Aster Seed, and you will certainly be delighted, as nothing better can be produced.

**CHOICE MIXED ASTERS.** All colors and all sizes. A mixture of many varieties. Per pkt. 5c,  $\frac{1}{2}$ -oz. 25c, 1 oz. 45c.

My order and my daughter-in-law's, Mrs. Will Dickinson, came this morning. The plants were unusually fine and beautifully packed. Am sure they will be a constant pleasure to us. Thanking you for the prompt attention, I am, yours sincerely, Mrs. W. W. Dickinson, 1603 Battery St. Little Rock, Arkansas.





Antirrhinum—Snapdragon

### Snapdragon

The Snapdragons do not receive the attention they deserve. They are undoubtedly one of the best cut flowers which can readily be grown from seed, while for beds or borders they are a constant source of pleasure, being in flower all the time. They succeed best in a rather light soil, in a sunny position.

**DWARF MIXED.** Plants grow about 12 inches high; many choice colors. Pkt. 5c, 1/4-oz. 20c.

**TALL MIXED.** Plants grow about 2 feet high. Pkt. 5c, 1/4 oz. 15c.

### Ageratum

(FLOSS FLOWER)

Very showy plants, bloom profusely the whole summer, fine as cut-flowers. Succeed nicely in bed and borders. Half-hardy annuals.

**IMPERIAL DWARF BLUE.** Large blue flowers, 8 inches high. Per pkt. 5c.

**IMPERIAL DWARF WHITE.** Large white flowers, rarely exceeds 6 inches in height. Per pkt. 5c.

**BLUE PERFECTION.** A new and splendid dwarf dark blue bedding variety, the darkest of all blue Ageratums that can be grown from seed. Per pkt. 10c.

**LITTLE DORRIT.** Six inches high and one foot through, covered with a mass of azure blue flowers. Per pkt. 10c.

**FINEST MIXED.** Splendid. Pkt. 5c, 1/4-oz. 15c.



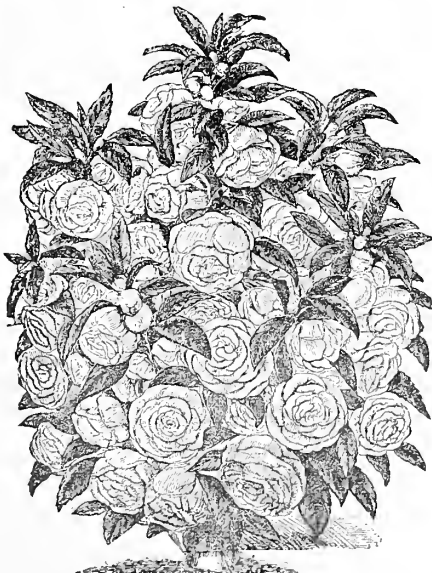
Ageratum

### Young's Large Double Balsams or Touch-Me-Not

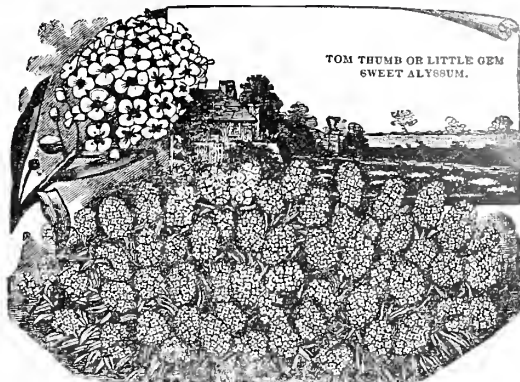
This is one of the most satisfactory ones on the list. They bloom early and late, from June till frost. Always cheerful and bright, and will grow and bloom anywhere.

**ALBA PERFECTA.** Large white flowers. Pkt. 5c.

**MIXED COLORS.** Including white, yellow, pink, etc. Pkt. 5c.



Balsam



Alyssum—Sweet

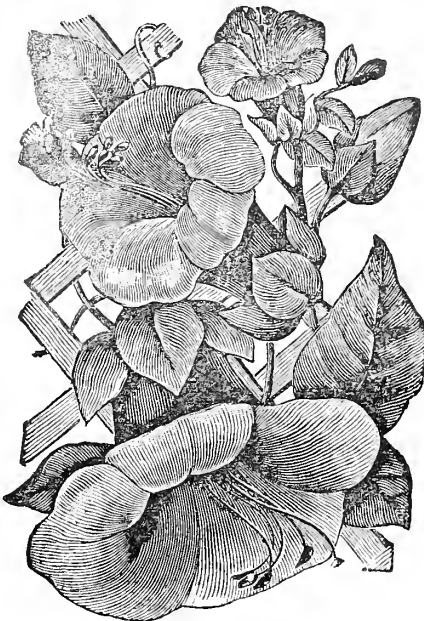
### Aquilegia—Columbine

Hardy perennials that bloom freely during spring and early summer.

**DOUBLE YELLOW.** The flowers, a deep yellow, and are attractive when planted in clumps. Per pkt. 10c.

**DOUBLE WHITE.** Very free blooming. Per pkt. 10c.

**MIXED COLORS.** Per pkt. 5c.



Cobaea Scandens

### Cobaea Scandens

A half-hardy climbing annual, with large leaves and large trumpet-shaped flowers. The blossom is green until nearly grown, when it turns bright purplish-blue. Grows about 30 feet long, and is very desirable for covering a large lattice. A native of Mexico. Pkt. 10c.

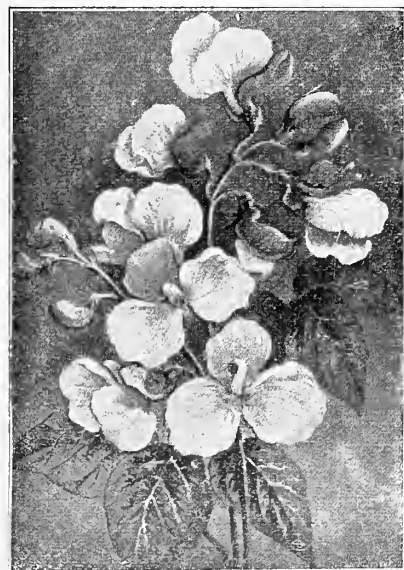
### Calendula—Pot Marigold

A showy, free-flowering hardy annual, bearing quantities of bright attractive flowers, fine for cutting. It is in bloom until frost.

**MIXED VARIETIES.** Including yellow, orange and white. Pkt. 5c.

### Canary Bird Vine

This belongs to the Nasturtiums and is a rapid growing, delicate vine with clean, handsome foliage and an abundance of bright canary-yellow blossoms. Grows to a height of 15 to 20 feet. Pkt. 5c.



Butterfly Runner Bean

### Butterfly Runner Bean

Climber with large pink and white blossoms borne in sprays and produced in the greatest profusion from early summer till frost. The flowers are followed by edible pods as fine as any string beans, thus serving the double purpose of being not only highly ornamental but useful as well. (See cut.) 10c per pkt.





Calliopsis—California Sunbeam

### Balloon Vine

(LOVE IN A PUFF)

A rapid-growing, handsome summer climber, having small white flowers, which are followed by seed vessels, shaped like small balloons; succeeds best in a light, rich soil, and warm situation. Per pkt. 5c.

### Balsam Apple and Pear

Very curious, rapid and dense climbers, with ornamental foliage and golden yellow fruit, which opens when ripe, showing the seed and blood-red interior. Apple and Pear mixed, pkt. 5c.

### Chrysanthemums

ANNUAL VARIETIES

Summer blooming annual plants of compact growth and easy culture, producing large quantities of flowers on long stems the entire summer.

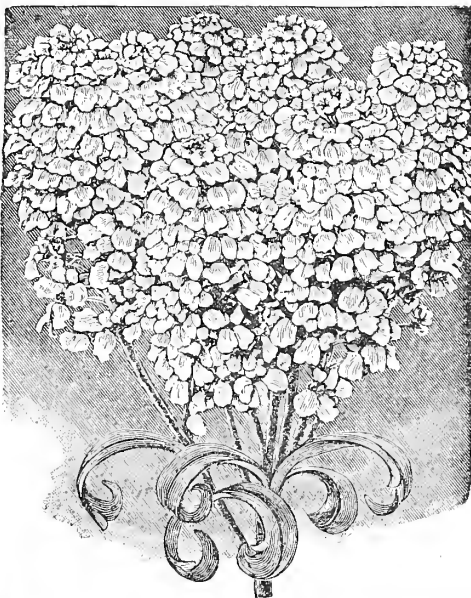
**MAXIMA PRAECOX.** Forming compact bushes which are perfectly covered with pure white flowers. Per pkt. 15c.

**MORNING STAR.** A superb Marguerite Chrysanthemum, with immense flowers of an attractive soft yellow or primrose. Height 10 inches. Per pkt. 15c.

**CHINESE OR LARGE FLOWERING VARIETIES.** Double, from the best name varieties, choice mixed colors. Per pkt. 25c.



Chrysanthemum



Candytuft

### Candytuft

LARGE FLOWERING

Highly prized among garden flowers; bears panicles or pyramidal heads of dainty flowers continuously from summer until frost. Among the choicest of old-time flowers; quaint and interesting.

**WHITE ROCKET.** Pure white flowers. Pkt. 5c, oz. 20c.

**QUEEN OF ITALY.** A dwarf variety of erect growth; heads thickly set with fine pink flowers. With a little care the plant will live for several years. Pkt. 10c.

**GIBALTARICA.** Bears red, rose and white flowers; plant of vigorous growth and entirely hardy. Pkt. 10c.

**MIXED VARIETIES.** All annuals, many colors. Pkt. 5c, oz. 20c.

## Calliopsis, or Coreopsis

One of the easiest grown annual flowers; can be used with fine effect anywhere—in beds, borders or masses. The brilliantly colored blossoms are very showy. Blooms all the time. Sow the seed thinly when weather becomes warm and soil dry. Fine for cut-flowers.

**CALIFORNIA SUNBEAM.** An improvement over the well-known Lanceolata, having larger and deeper flowers of rich, golden yellow. Pkt. 10c.

**GOLDEN WAVE.** A compact, hushy plant bearing masses of beautiful golden flowers, often 2 inches in diameter; blooms all summer. Pkt. 5c.

**ALL COLORS, MIXED.** Pkt. 5c.

## Cockscomb - Celosia

The "flowers" of this plant are a distinct novelty; they consist of gracefully drooping, plummy heads, more like a brilliant ostrich feather than anything associated with the popular idea of flowers. In some varieties these come in clusters measuring 10 to 12 inches in length; in others they are smaller, but the coloring is always brilliant and distinctive, especially when planted in groups.

**CULTURE.** The seed can be sown where they are to bloom if they can be started indoors and transplanted into rich soil about the time the combs begin to form. With the latter treatment the heads will be much larger and finer.

**DWARF MIXED.** Many colors, such as brilliant red, golden, pink, etc. Pkt. 5c.

**TALL MIXED.** Pkt. 5c.



Cypress Vine

A beautiful and attractive climber with delicate, finely marked dark green leaves and an abundance of star-shaped crimson and white flowers. The vine grows about 15 feet high. Colors as follows:

**SCARLET.** Pkt. 5c, oz. 20c.

**WHITE.** Pkt. 5c, oz. 20c.

**MIXED VARIETIES.** Pkt. 5c, oz. 20c.

## Canna

INDIAN SHOT

The well-known and popular large-leaved plants so often used for bedding where handsome foliage effects are desired. Can be very easily grown from seed; soak the seeds in warm water until they commence to swell and then sow in sandy loam in a hotbed. When up to the second leaf, pot off singly and keep under glass until warm enough to plant outdoors.

**TALL VARIETIES.** Pkt. 5c.

**DWARF VARIETIES.** Pkt. 5c.

Plants No. 3625 arrived in good order and condition. They are certainly very satisfactory in every way. Many thanks for the extras. I appreciate your kindness. Very truly yours, Mrs. Geo. Trump, Kahoka, Mo., April 30th, 1913.



## Young's Mammoth Cosmos

Grace and brilliancy are the characteristics of this pretty flower with its yellow heart encircled with broad, deep petals, growing on long stems which rise from a cloud of feathery foliage. The thrifty plants produce thousands of the most elegant blooms in pure white, pink and crimson shades. As a decorative garden plant its value is inestimable, while as cut-flowers for home decoration nothing is finer, especially as Cosmos are in bloom when other outdoor flowers are getting scarce. Plant the seed directly in the garden as soon as the settled Spring weather comes; or you may start the plants early in a box in the house and transplant them.

**WOODSIDE EARLY FLOWERING.** The earliest flowering variety in cultivation, blooming fully two months in advance of the Giant Strain seed, sown in open ground in early May, will produce blooming plants in July, and continues a mass of bloom until killed by frosts, and will bloom in any part of the country. It has fern-like foliage, and conspicuous flowers of crimson pink grow about 4 feet tall and bloom freely. The flowers are of good average size, and are borne on long stems well above the foliage.

**WOODSIDE EARLY FLOWERING, MIXED.** Per pkt. 10c.

## Mammoth Perfection Cosmos

### GIANT OF CALIFORNIA

A magnificent strain. The individual flowers are of enormous size and the most perfect form, while the colors are richly brilliant. These represent the highest developed types in Cosmos. Will keep a week in water after being cut. We offer you three elegant colors as follows:

**PURE WHITE.** A splendid large flower. Pkt. 10c.

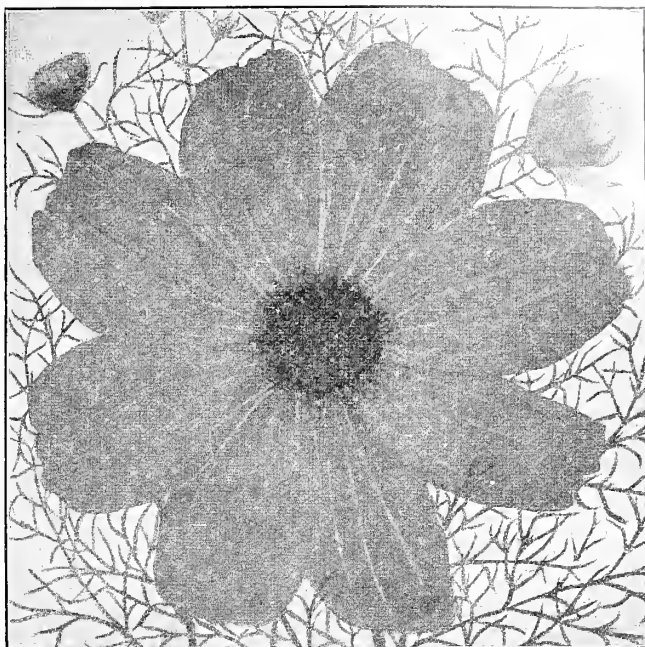
**LIGHT PINK.** These blooms are truly superb. Pkt. 10c.

**CRIMSON.** A rich and brilliant shade. Pkt. 10c.

**MIXED MAMMOTH PERFECTION.** A superb mixture of every color and shade in these splendid Cosmos. Pkt. 10c.

**YOUNG'S MIXED.** Including many varieties and colors. Pkt. 5c, oz. 50c.

**KLONDYKE.** A pleasing novelty with orange-yellow flowers. Pkt. 10c.



Mammoth Flowering Cosmos

## Centaureas

The various varieties of this popular annual include such favorites as the Bachelor's Buttons or Corn-Flowers, and Sweet Sultans. No garden without them would be a garden. Old-fashioned flowers of the easiest culture, which seem, if it were possible, to become more admired with each year that passes.

### BACHELOR'S BUTTONS

(Centaurea Cyanus)

### DOUBLE VARIETIES

**EMPEROR WILLIAM.** This is the rich, deep blue Bachelor's Button, which is so very popular; much used for boutonnières. Pkg. 5c.

**DOUBLE MIXED.** Our strain of this splendid annual is especially fine. The true old-fashioned Bachelor's Buttons of your grandmother's garden. (See illustration.) Finest mixed colors. Pkt. 5c, oz. 25c.

## Giant-Flowering Sweet Sultans

(CENTAUREA IMPERIALIS)

**SINGLE VARIETIES.** The very large sweet-scented flowers of this elegant class are the finest of all Sweet Sultans for cut-flowers. The blooms are borne on long stems, and will keep in good condition a week after being gathered. Of the easiest growth, and very showy in the garden all Summer long.

**MARGARET.** The large flowers are purest white, deliciously scented and borne on long stems. Pkt. 5c.

**SUAVEOLENS.** This is the ever-popular yellow Sweet Sultan; very large and fragrant. Per pkt. 5c.

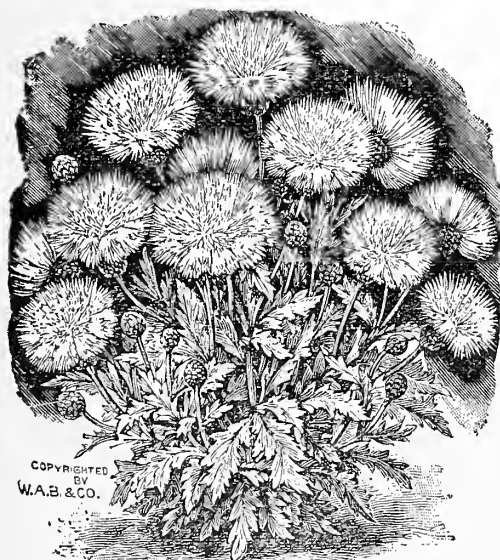
**SINGLE MIXED.** Per pkt. 5c.

## Choice Large Flowering Carnations

The most magnificent of all the Pink family, and universal favorites for their delicious fragrance and richness of colors. Seeds may be sown under glass in Spring, or in open ground, but must be protected in Winter. Half-hardy perennials.

**DOUBLE, PERPETUAL FLOWERED.** Fine for winter blooming. Seed saved from the choicest double flowers. Per pkt. 15c.

**EXTRA CHOICE, DOUBLE MIXED.** Seed saved from choicest German and English stocks. A large portion of this seed will produce double flowers. Per pkt. 15c.



Centaurea—Double Corn Flower

## The Shasta Daisy

This is the finest of all the so-called moon-penny daisies. It is one of Luther Burhank's hybrids, the result of a cross between the common field daisy and a European sort. It is a perfectly hardy perennial, bearing flowers averaging 4 inches in diameter, on long, stiff stems. It blooms freely for several months, and the flowers remain fresh for two weeks or more after cutting. The petals or rays are pure white. The Shasta Daisy is one of the most useful flowers for bouquets. Packet, 10c.

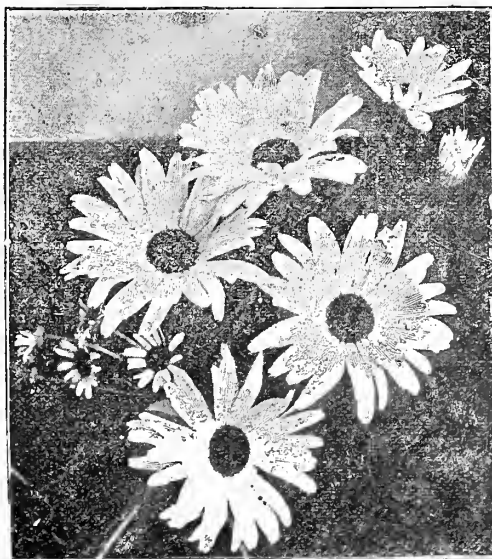
## English Daisy

Daisies are easily raised from spring sown seed, and come into flower in a very short time. They thrive best in cool, shady places, but do well in almost any soil. They are very pretty when in bloom and deserve to be grown more universally than they are. Admirably adapted for edgings, borders and well suited for pot culture.

**GIANT RED.** Beautiful double flowers in red tints. Pkt. 10c.

**SNOWBALL.** Best pure white Daisy, on long stem. Pkt. 10c.

**DOUBLE MIXED.** Embracing all colors. Pkt. 10c.



Shasta Daisy

## Hardy Garden or Glove Pinks

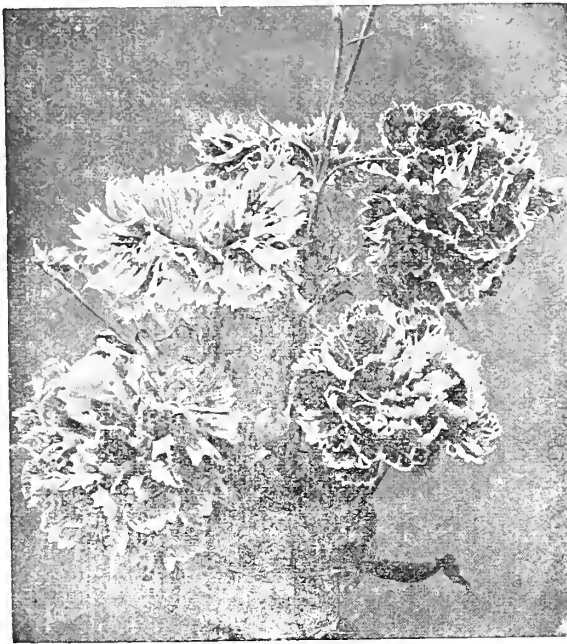
This splendid class of hardy perennial Pinks should be in all gardens. They have the delightful clove fragrance.

**SCOTCH OR GRASS PINK.** When treated like an annual, if seed is sown in March, the plants will bloom the first year. The delicately fringed, variously colored flowers are fragrant, attractive and fine for bouquets. Pkt. 5c.

**PERPETUAL BLOOMING PINKS.** A new strain of great beauty. Flowers large, round and produced in great abundance; colors are exquisitely delicate, light rose, copper, crimson and flesh predominating. A clove-like odor adds to their attractiveness. Flowers the first season. Pkt. 10c.

The plants and rose bushes arrived yesterday. All were in good condition and we more than appreciate the extra plants and bushes. Yours truly, Mrs. S. F. Kemper. Troy, Missouri, May 1, 1913.





Dianthus.

## Digitalis

(FOXGLOVES, OR WITCHES' FINGERS.)

The Foxglove in common with all the hardy perennials, is being planted more extensively each season. The large tube-like flowers, which are produced so freely in beautiful spikes, add much to our hardy beds and borders. Being of the easiest growth, and doing finely in partially shaded situations, they fill in many gaps most advantageously. 3 feet

MIXED. All colors. Pkt. 5c.

## Delphinium

**HARDY PERENNIAL LARKSPURS.** One of our most brilliant and effective hardy garden plants. Of late years so much care and attention has been devoted to their cultivation that the size and colors of the flowers have been wonderfully improved. The splendid spikes of bloom are the admiration of everyone. Persistent bloomers, even in the driest seasons. The perennial varieties will bloom the first year if seed is sown early.

**DELPHINIUM, MIXED.** This mixture is a selection from the choicest sorts in cultivation. Per pkt. 5c.

## Larkspurs

(ANNUAL DELPHINIUM)

These popular garden flowers have been greatly improved of late in color and size of blooms and habit of plants. We offer the best of the newer varieties.

**DWARF CHINESE.** These are exceedingly pretty garden plants of a compact habit, not over one foot high when in bloom; mixed colors. Per pkt. 10c.

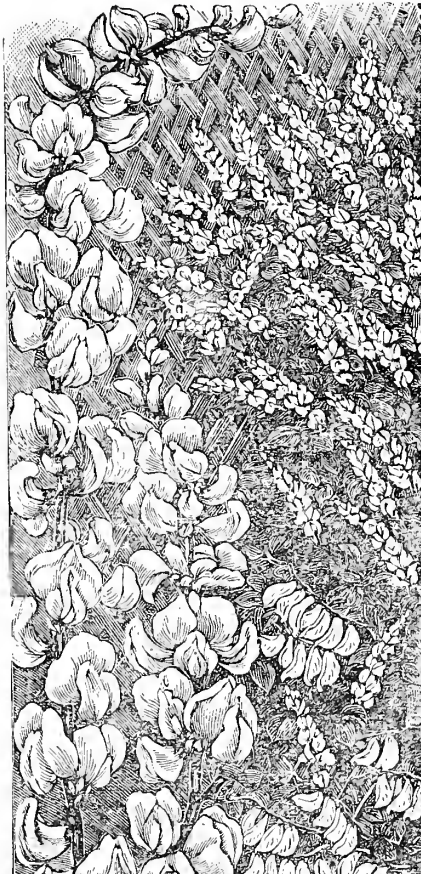
**BRANCHING.** This variety grows 2 to 3 feet high and bears large spikes of flowers on long stems. Per pkt. 10c.

**LARKSPUR, TALL ROCKET, MIXED.** Plants large and showy. Per pkt. 5c.

**LARKSPUR, DWARF ROCKET, MIXED.** Per pkt. 5c.

## Globe Amaranth

A dwarf hardy annual with pretty clover-like head of purple, white and red flowers. 12 inches. Flowers can be dried and used in winter bouquets. Finest mixed, reddish-purple and white. Pkt. 5c.



Dolichos—Daylight

## Dolichos—Hyacinth Bean

A rapid growing and free-flowering annual climber. The seed pods which follow the flower are very ornamental for covering trellises, arbors, etc. After danger of frost is over, sow the seeds where they are to remain.

**DAYLIGHT.** A splendid variety from Japan. Large, snow-white flowers. Pkt. 5c. (See cut.)

**DARKNESS.** Flowers deep reddish-violet or lavender-purple. Per pkt. 5c.

**FINEST MIXED.** A very choice mixture of all the best climbing varieties. Pkt. 5c., oz 25c.

## Dianthus or Pinks

NEW AND CHOICE VARIETIES

This elegant family contains many of the most valuable and popular flowers in cultivation. All the sorts classed as annuals may be sown directly in the garden as soon as danger from frost in past, and will in a short time become a mass of bloom and so remain all summer. Elegant as cut-flowers for bouquets, as the stems are good. Grow about 1 foot high, and are of easiest culture.

### Annual Pinks

**SINGLE MIXED.** Including many rich shades of Crimson, Pink, Mauve, Salmon, etc. Pkt. 5c.

**DOUBLE MIXED.** Including choice double-flowering varieties in many fine colors. Pkt. 5c.

**JAPANESE.** Attractive, distinct flowers of Japanese origin. The petals are deeply cut, finely fringed, much twisted and of various colors—white to deep red. Fine for cutting and thoroughly desirable. Plant grows to be 15 inches high. Pkt. 10c.

### Dahlias From Seed

Dahlias are easily grown from seed and bloom the first season. The earlier they are started the better, which can be done nicely in a box in a sunny window or the greenhouse. Some specimens grown from seed are fully equal to many of the named sorts, and there is always the chance of getting some entirely new varieties. The Single Dahlias are being planted more extensively every year; they are quick and profuse bloomers, and their colors are especially rich and brilliant.

### Single Dahlias

**GIANT PERFECTION MIXED.** A gorgeous new strain of immense single flowers, of various beautiful colors, including many charming spotted and striped sorts. Pkt. 10c.

**TWENTIETH CENTURY OR ORCHID-FLOWERED.** A truly exquisite single Dahlia. Has created a sensation everywhere. Individual flowers are 5 to 8 inches across. Innumerable colors, that have the rich sheen of velvet. We cannot describe their elegance. Pkt. 15c.

### Double Dahlias

**LARGE-FLOWERING CHOICEST DOUBLE MIXED.** This elegant assortment of seed is saved from the most select and perfectly double varieties. Gives perfect results. Pkt. 10c.

## Hollyhock

All our seeds of this beautiful plant have been saved from the finest and largest double flowers only, and will produce flowers extremely double and in the best, brightest and most charming colors. Sow early.

### Double Hollyhocks

<b>DOUBLE WHITE,</b> pkt.....	10c.
<b>YELLOW,</b> pkt.....	10c.
<b>SALMON ROSE,</b> pkt.....	10c.
<b>BRIGHT RED,</b> pkt.....	10c.
<b>BRIGHT PINK,</b> pkt.....	10c.
<b>MAROON,</b> pkt.....	10c.

**Extra Choice, Double Mixed**  
SELECTED STRAIN, pkt.....10c.

### Allegheny Hollyhocks

The flowers are of mammoth size and are wonderfully formed of loosely arranged fringed petals which resemble the finest China silk and have none of the formality of the ordinary type. This variety is a perpetual bloomer and has from 2 to 4 buds at the base of each leaf. The buds develop into flowers in rotation, the largest buds first, then the smaller ones until all have become a beautiful mass of bloom. The colors vary from the palest shrimp pink to deep red. Although the flowers are single, they are very beautiful and must be seen to be appreciated. The plants are of strong growth, sending up spikes 6 to 7 feet high. Mixed colors, pkt. 10c.

## Ornamental Gourds

Any of the following, packet, 5c.

These are desirable for many places where an immense amount of vine is wanted quickly. Most sorts are good for 20 to 30 feet in a season and the blossoms of some are quite striking and handsome. With all sorts, the fruit is unique and ornamental, and often useful. The small, fancy Gourds are excellent toys for children, while the larger Gourds may be used as dippers, sugar troughs or bowls. Cultivate the same as Melons.

**TOWEL GOURD OR LUFFA.** Many ladies prefer a dish cloth made of this Gourd to anything else, as it is always sweet and clean as long as any part of it is left.

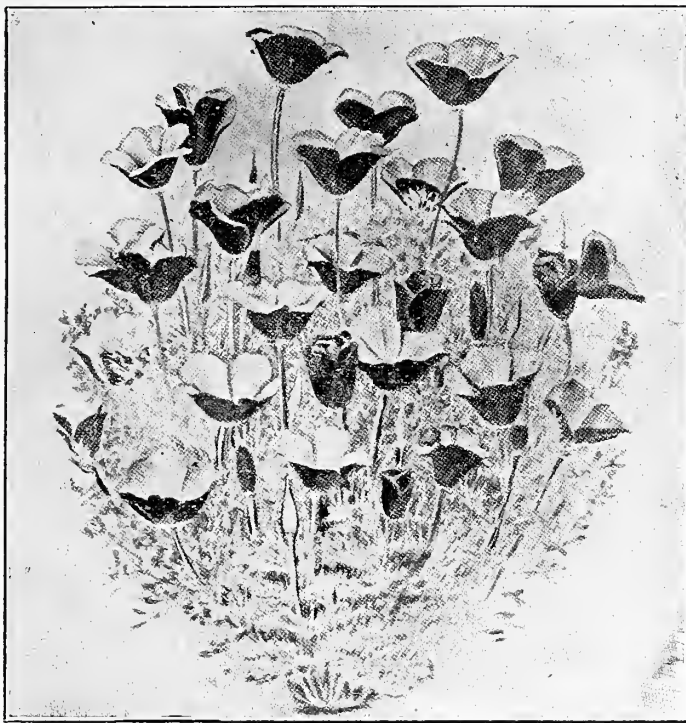
**DIPPER.** Makes an excellent dipper.

**JAPANESE NEST EGG.** Resembling in color, shape and size the eggs of hens, and make the best nest eggs.

**MIXED GOURDS.** All kinds, including Nest Egg, Dish Cloth, Dipper, Japanese, etc. Pkt. 5c, oz. 20c, 1/4-lb. 50c, postpaid.

Received the plants this morning in good condition. We appreciate the extra ones very much. Only hope we are successful in raising them. If we ever want anything else in your line will be sure to send you an order. Respectfully, Miss Anna Heskeet, 208 Monroe St., Jefferson City, April, 1913.





Eschscholtzia—Mandarin.

## Helianthus (SUNFLOWER)

Hardy annuals, of stately growth, remarkable for the size and brilliancy of their flowers. Very useful as cut-flowers. Effective in forming background of large beds or borders and for distant effect.

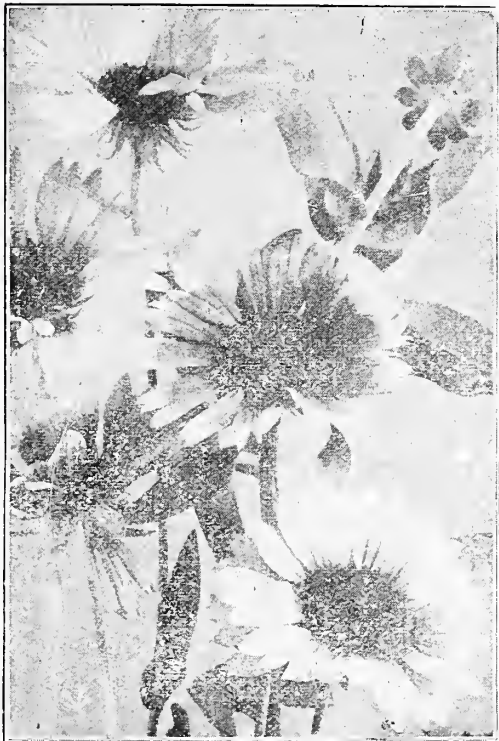
**NEW MINIATURE.** Single, rich golden yellow, with black center. An abundant bloomer, of branching habit, coming into flower in July and continuing until frost. 4 feet. (See cut.) Pkt. 5c.

**CALIFORNICUS Fl. Pl.** Extra large and very double. Pkt. 5c.

**SILVER-LEAVED.** Silvery foliage. 5 feet. Pkt. 5c.

## Lantana

Popular free-blooming and very rapid growing plants with large flower beads of various colors, which are continually changing their color; emit a powerful aromatic perfume; plants are completely loaded with blossoms, succeeded by berries, which when ripe, turn deep blue. Fine winter-blooming plants. Start seeds in the house or hot-bed. Our mixture contains a splendid variety of colors, especially many of the newer varieties. 1½ feet. Pkt. 5c.



Gaillardia or Blanket Flower.

## Gaillardia (BLANKET FLOWER)

These are undoubtedly among the choicest of hardy perennials; the flowers are large, very numerous, excellent for cutting and of the most brilliant shades of orange, crimson, scarlet and vermilion and very often a combination of all these colors in one flower. They require no winter protection, although applications of manure increase their strength. If the seed is sown early they will begin flowering at mid-summer.

**GRANDIFLORA.** Large flowers, dark crimson centers marked with rings of many brilliant colors. Per pkt. 5c.

**GYPSY QUEEN.** A fine hardy plant admired by all. The daisy-shaped flowers are red and yellow inside and on long stems. Lasts a good while in bloom, very showy. Pkt. 10c.

**FINEST SINGLE MIXED.** A very fine assortment of many brilliant colors. Pkt. 5c.

I certainly want to thank you for the rose plants. They are the nicest plants I ever got and am sure proud of them. Respectfully, Mrs. Chas. W. Guthrie, Lawrenceville, Ills., May 2, 1913.

## Escholtzia California Poppies

Extremely handsome, low and quick growing annual plants, with finely cut foliage and cheerful blossoms. Nothing can excel the eschscholtzia in brightness, and it deserves a place in every garden border. Sow seeds in very shallow drills, in the open ground where the plants are to remain. Thin to 8 inches. Bloom begins in a few weeks and lasts until frost. The plant attains a height of 1 foot.

**"THE GOLDEN WEST."** Flowers measure 3½ to 6 inches across, and are bright yellow and orange. Some are flat and wide open, some saucer-shaped, others very deep with flaring edges. In some the orange blotch almost suffuses the whole flower, in others it runs into the yellow in fine penciled lines. Pkt. 10c.

**CRIMSON KING.** Flowers are bright crimson, interior dark red. 1 foot high. Per pkt. 10c.

**MANDARIN.** Inner side of the petals rich orange, outer side brilliant scarlet. Pkt. 5c.

**FINEST SINGLE MIXED.** All the best varieties. Pkt. 5c.

## Gypsophila

(BABY'S BREATH)

An elegant hardy perennial plant that should be in every garden. It is not only pretty in beds, but its delicate little flowers produced in feathery white panicles, and branching foliage lend a daintiness to bouquets that is most elegant. Its sprays are much used in making up bouquets of Sweet Peas. Pkt. 5c.

## Heliotrope

(CHERRY PIE)

Is a universal favorite on account of its delightful fragrance and long duration of bloom, flowering equally well as bedding plants in summer or as pot plants in the house in the winter. It is not generally known that Heliotrope may be raised from seed as easily as the Verbena.

**ALL SORTS MIXED.** This mixture contains, in best assortment, all shades, both light and dark. A very desirable strain. Pkt. 10c.

## Hibiscus

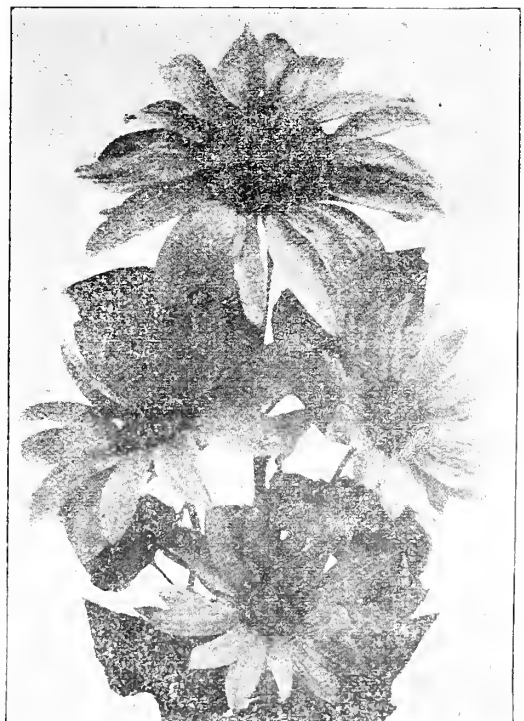
(MARSEHALLOW)

Tall growing and especially adapted to backgrounds and shrubbery borders. Of the easiest culture, and bloom the entire season. Flowers are of enormous size. Plants grow 4 to 5 feet tall.

**FINEST MIXED.** Splendid. Pkt. 10c.

## Echinocystis

**WILD CUCUMBER VINE.** A well-known vine, common in many sections and the quickest climber known for covering verandas, old trees and houses, trellises, etc., never suffering from the heat but retaining its fresh and lively green color; never infested with insects, and very profuse in bloom. It will sow itself and come up in the same place. Pkt. 5c.



Helianthus—New Miniature



## Imperial or Giant Japanese Morning Glories

The flowers are of gigantic size, and the colorings and markings beyond description, ranging from snow-white to black-purple, with all the possible intermediate shades, such as pink, rose, fiery red, copper red, carmine, crimson, pale blue, deep blue, royal purple, maroon, indigo, bronze, slate, brown, cherry and ash gray. Others are edged with white, having throats of one of the above colors; there is also an endless number having flowers spotted, marbled, striped, flaked and splashed. They are beyond question the largest and most beautiful of this handsome family of easy grown climbers and the Orient's best gift to flower lovers. Wherever climbers can be grown, our New Giant Mikado strain should have a prominent place. (See Cut.)

**IMPERIAL JAPANESE MIXED.** Per pkt. 10c, oz. 35c.  
**IMPERIAL JAPANESE MIKADO.** Pkt. 10c, oz. 35c.

## MORNING GLORY

**MORNING GLORIES.** The Morning Glory is too well-known to need description, but one seldom finds a more satisfactory vine. The amateur gardener can be sure of a fresh supply of bright colored, delicately tinted flowers to rejoice over and admire every morning where these are grown, as they will succeed under almost any circumstances.

**TALL MIXED.** A great variety of colors of the old-fashioned, popular climber. Pkt. 5c, oz. 10c.

## New Double Morning Glory

### DOUBLE WHITE TASSEL

This Double Morning Glory will be greeted as a welcome addition to this class of plants. It is of rapid growth, producing its large double flowers very freely. They are of beautiful form and delicate coloring, being white with a slight shading of red or blue at the base of the larger petals. Seeds should be sown as early as ground can be worked in the spring, or may be sown in the house and transplanted outside as soon as weather permits, so that a long season of beautiful flowers may repay you. Pkt. 10c.

## LATHYRUS

**HARDY OR EVERLASTING SWEET PEAS.** Perfectly hardy and very handsome free-blooming climbers, with clusters of elegant sweet-pea like blooms, which are produced in the greatest profusion. They come up year after year, and also bloom earlier than other Sweet Peas. Especially suitable for covering arbors and trellises.

**MIXED.** All colors. Per pkt. 5c.



Imperial Japanese Morning Glory

## MOONFLOWERS (Impomoea Noctiflora)

No one who has a trellis or arbor to cover should neglect to plant **The Moonflower**—the most rapid-growing of all annual climbing vines. The vines are literally covered with thousands of immense, pure white fragrant flowers, opening in the evening and remaining open until noon the following day, and if cloudy all day, many of them measuring over seven inches across. Planted in rich ground, in a sunny situation, and given plenty of water, the vines attain a height of seventy-five feet. Pkt. 10c.

**HEAVENLY BLUE.** A splendid climber, either for the conservatory or outdoors. Flowers large, light blue with yellow throat. Produced in clusters; foliage, large, heart-shaped. Pkt. 10c.

**SETOSA.** (Brazilian Morning Glory.) A rapid grower, producing large clusters of rose-colored flowers. The vines are covered with short, reddish hairs and at frequent intervals clusters of curious seed pods are formed. Pkt. 10c.

**LEARI** (Blue Dawn Flower.) Splendid bright blue; grows in large clusters. Pkt. 10c.

## MESEMBRYANTHEMUM

### (ICE PLANT)

A very pretty trailing annual that has fleshy, wax-like leaves which have the appearance of being covered with ice crystals. Splendid for rock-work, vases or hanging baskets. Its flowers are white. Start the seed early in the house, and transplant into a light soil and warm situation in the garden. Pkt. 5c.

## LOBELIAS

Annual plants of dwarf compact growth, four to six inches in height, covered with numerous small star-like flowers. Very pretty when grown as an edging for flower-beds, also for hanging-baskets and vases, and as house plants in pots in winter. Seed should be sown in boxes in a warm sunny window, or in shallow drills outdoors when the trees are starting out in leaf, barely covering the seed from view.

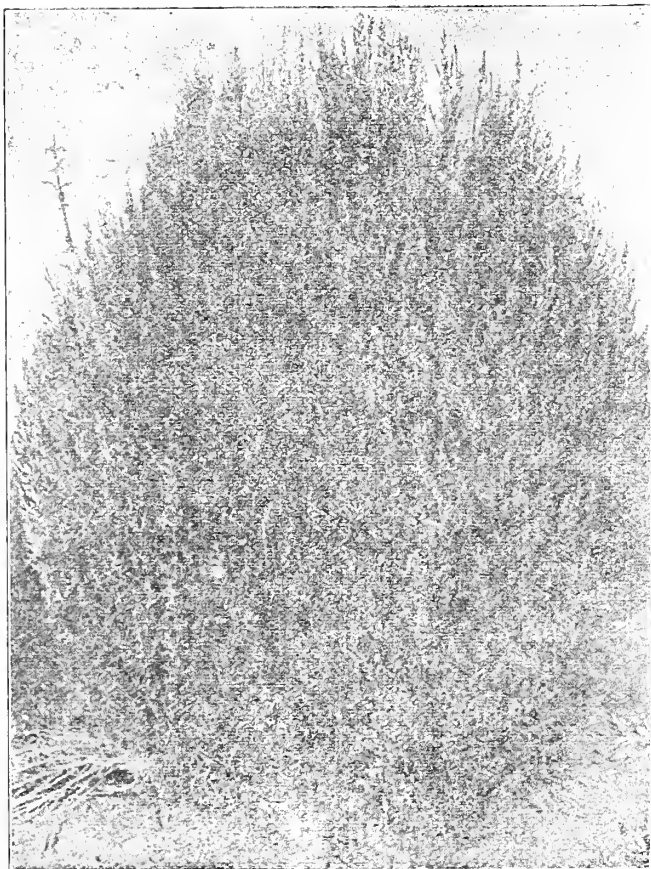
**CRYSTAL PALACE COMPACTA.** Best dark blue sort for edgings and carpet hedging. Pkt. 10c.

**MIXED COMPACTA SORTS.** A very fine mixture of all the best varieties for edgings and bedding. Pkt. 5c.

## KOCHIA

**SUMMER CYPRESS OR MEXICAN FIRE BUSH.** This splendid annual plant grows very quickly from seed sown in the open ground as soon as the weather permits in spring. The plant always makes attractive globe-shaped bushes as large sometimes as 3 feet high and 2 feet across in one season. (See illustration.) Leaves slender and of a light peagreen color until September, when they turn to carmine and blood red; at the same time the ends of the shoots are thickly set with small bright scarlet flowers and produce a very striking effect. Pkt. 10c.

The plants you sent me are to hand in fine condition. You have always done me fair, but you have outdone yourselves in this order. Many thanks. Yours truly, J. A. Mumpower, Shelbyville, Mo., Oct. 21, '12



Kochia—Summer Cypress or Fire Bush



## Mignonette

(RESEDA)

A great favorite with all flower lovers on account of its delicious fragrance. No garden is complete without a bed of Mignonette. Sowing should be made early in spring and again in August, so as to have a succession of bloom the whole season.

**MACHET.** Adapted for pot culture; dwarf pyramidal growth, bearing numerous flower stalks; highly colored and very fragrant. Pkt. 5c.

**GOLDEN QUEEN.** An ideal Mignonette. Enormous spikes. Flowers of a beautiful orange color, very fragrant. Pkt. 5c.

**SWEET-SCENTED RESEDA ODORATA.** The old-fashioned variety with small spikes, but the most sweetly scented of all. Pkt. 5c, oz. 15c.

## Japanese Kudzu Vine

(Jack and the Bean Stalk)

**AN ORNAMENTAL AND RAPID GROWING CLIMBER.** Experience abundantly proves the Kudzu Vine to be a highly interesting novelty. It comes from Japan, the land so productive of curious and ornamental flowers. It is a beautiful climber, remarkable for its great vigor of growth and its handsome flowers. The blossoms are large and in panicles somewhat like wistaria, but larger in size and with better clusters. The color is of a pleasing shade of purple. The foliage is luxuriant, somewhat like the leaf of a bean. The vine is extremely rapid and dense in growth, making the Japanese Kudzu Vine of great value where a quickly produced shade is wanted. An eminent horticulturist and prominent landscape designer has it growing over the front of his house, and pronounces it a veritable "Jack and the Bean Stalk" vine. It is perfectly hardy, increasing in size and beauty year after year. Pkt. 10c. 3 pkts. 25c.

## Marigolds, French Dwarf

This dwarf compact type is very attractive, each plant being covered with hundreds of small bright flowers.

**DWARF GOLD STRIPED.** Velvety maroon, striped gold. Pkt. 5c.

**YOUNG'S SPECIAL MIXTURE DWARF MARIGOLDS.** Pkt. 5c.



Marigold-Grandiflora Striped

## Young's Superb Marigolds

These old-fashioned favorites are annuals of the very easiest culture. Both the French and African classes are very effective; the former have the small, velvety flowers, in pretty combinations of yellow, brown, maroon, and striped effects; the African sorts are the enormous flowered ones, in very showy orange and lemon shades. (See illustration.) Both kinds are most popular for beds and borders, and planted in large blocks are gorgeously attractive. They bloom profusely all summer. Start the seed early in a box in the house, or plant directly in the garden when the weather is warm. Fine as cut flowers. French sorts make nice pot plants.

## African or Tall Marigolds

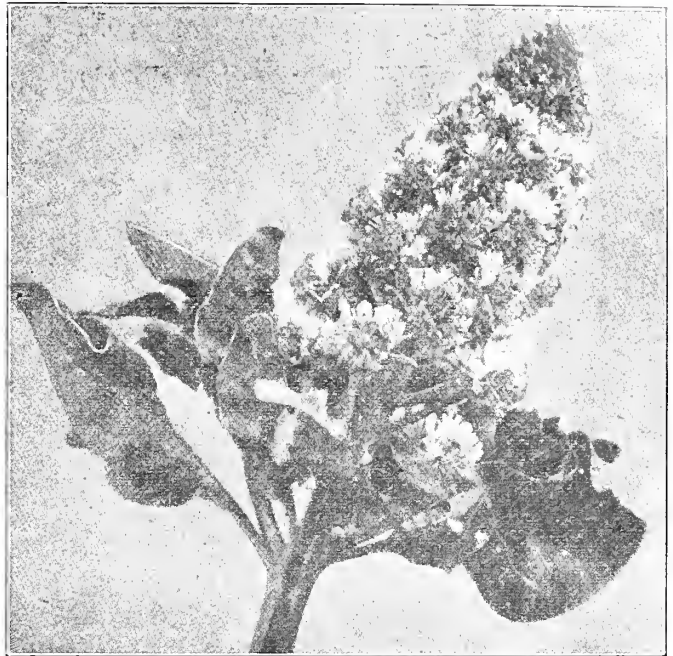
**EL DORADO.** Double flowers of enormous size. Per pkt. 5c.

**AFRICAN DOUBLE, MIXED.** All varieties. Per pkt. 5c.

## Marvel of Peru, Four O'Clocks

This is another good old-fashioned flower. This plant bears hundreds of flowers during the season, of white, yellow, crimson and violet, some varieties combining two or more of these colors in spots, flakes and splashes in such manner as to give the flowers a most "bizarre" effect.

**FOUR O'CLOCKS MIXED.** Includes variegated sorts. Pkt. 5c, oz. 10c, 1/4-lb. 20c.



Mignonette-Machet

## PETUNIA

**DOUBLE MIXED.** A careful selection of the best, large-flowering and fringed double Petunias. Our seed is saved from carefully hand-fertilized flowers, grown in pots. It is well-known, of course, that not all the flowers in any so-called "double-collection" will really come double, but ours run 20 to 30 per cent, and the balance are very handsome single flowers. Pkt. 25c.

**GIANTS OF CALIFORNIA.** Enormous flowers, sometimes 4 or 5 inches across; deeply veined and ranging in color from pure white to crimson, lavender, pink, etc. Pkt. 15c.

**SNOWBALL.** A very choice single variety of compact growth bearing pure satiny white flowers all summer. Pkt. 10c.

**DWARF INIMITABLE.** The "Star Petunia," with cherry-red flowers, white centered. Pkt. 10c.

**SINGLE MIXED.** Many very desirable colors; decidedly choice. Pkt. 5c, oz. 40c.



Petunia-Giant of California

The roses have been received all right. Many thanks for such nice plants. Respectfully, Mrs. Albert H. Foster, 603 E. Pearl St., Jerseyville, Ills., Dec. 3rd, 1914.



## Young's Exquisite Poppies

### SINGLE POPPIES

Few garden flowers excel the Poppy in popular favor. Its freedom of growth, beauty and lovely showiness make it an ideal garden flower.

Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly, barely covering the seed. Press down firmly, and they will come up in a few days. It is well to make several sowings at intervals to keep up a succession of bloom. If picked just before expanding the flowers will last several days.

**POPPY, GLAUCUM (Tulip Poppy.)** A strikingly beautiful effect is produced by a bed of these brilliant scarlet poppies in full bloom, the colors being of such glowing richness as to perfectly dazzle the eye. Pkt. 5c.

**DANEBOG, OR DANISH CROSS.** Very showy variety, producing large single flowers of brilliant scarlet, with a silvery-white spot on each petal, thus forming a white cross. Pkt. 5c.

**YOUNG'S SHIRLEY POPPIES.** These are considered by many the most charming poppies in cultivation. The individual flowers are large and elegant, mostly single blooms, with some semi-double and double ones. The exquisite colors range from the purest white to deepest blood-red; through all shades and combinations of pink, rose, crimson, carmine and endless markings. No two flowers are ever alike. They are truly grand, and will give the most gorgeous effect to your garden. (See illustration.) Pkt. 5c.

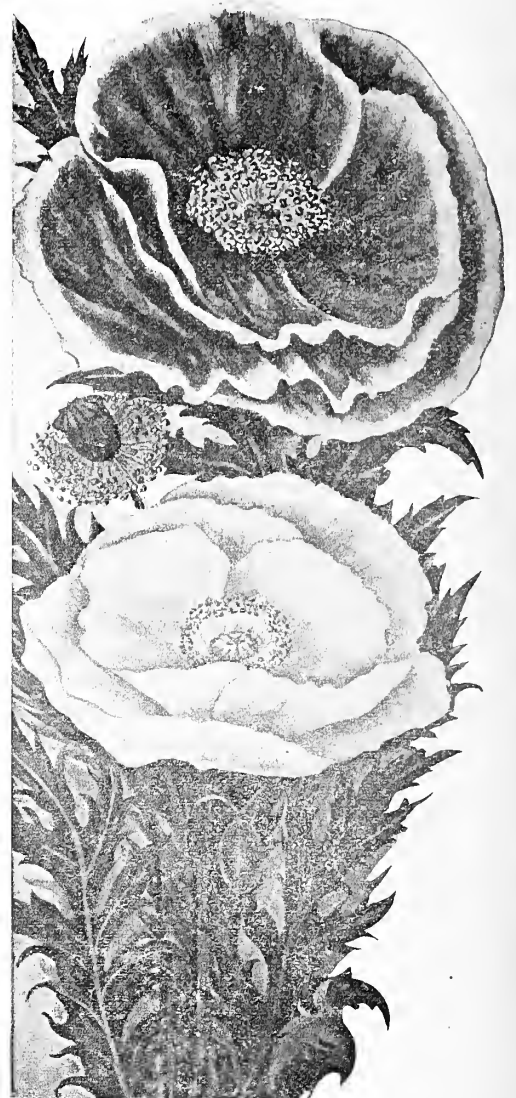
**CARDINAL.** The plants grow about sixteen inches high, with deeply cut dark-green foliage; enormous double glowing cardinal-scarlet flowers. Pkt. 5c.

**YOUNG'S PEERLESS MIXTURE.** This mixture consists of a combination of the finest single flowering Poppies in an endless variety of the most brilliant and delicate colors. When planted in large beds it produces a gorgeous display. Per pkt. 5c, oz. 25c.

**SCARLET FIELD POPPY.** The single Poppy so much admired by tourists in Europe, where it abounds on the railroad banks and in the fields. Pkt. 5c, oz. 25c.

## Young's Giant Double Mixed Poppies

A dazzling mixture of beautiful double Poppies, including only the improved double, giant-flowering kinds of the richest and brightest colors as well as the daintiest and softest tints. When grown in masses, it is brilliant beyond description. The plants are sturdy, thrifty growers, from two to three feet high, producing immense flowers, sometimes four inches in diameter. Some have fringed edges, while others have broad, round petals. The variety of color is truly wonderful, including, as it does, the most gorgeous shades: striped, blended and rayed in innumerable tints, down to purest white. Sow the seeds in the early spring in sandy soil where they are to remain. In dazzling mixture. Pkt. 5c, oz. 35c.



The Shirley Poppy



Phlox Drummondii Grandiflora

## PHLOX

We do not believe that anything can excel the Phlox Drummondii for potting, edging, or massing; the colors run from pure white to deep reds and purples. Sow seed in the open ground any time after the weather gets warm enough, or sow in hotbed and transplant; either way you will get brilliant displays all summer, although they will, of course, commence earlier if started in hotbeds. Set the plants a foot apart.

We offer the following named varieties of Drummondii Grandiflora, which matures large, finely developed heads of bloom in splendid display.

White	Deep Rose	Purple
Pink	Blood-Red	Crimson

Price of the above, pkt. 10c.

**SPECIAL OFFER.** One packet each of the above collection of 6 colors, 30 cents.

**CHOICE MIXED SEED OF ABOVE.** Pkt. 10c, oz. 75c.

**DWARF MIXED PHLOX, LARGE-FLOWERING.** The flowers are as large as the finest Grandiflora, but the plant is of dwarf, compact growth. A splendid combination of coloring. Pkt. 10c.

**STAR-SHAPED.** The petals are long and pointed, forming a perfect star; plants dwarf and compact. Our mixture contains many showy colors; fine for bouquets. Pkt. 10c.

**HARDY, MIXED VARIETIES.** Choice selection of colors. Pkt. 10c.

The geraniums came all safe a few days ago. Many thanks for such nice plants. Yours respectfully, Mrs. Albert H. Foster, 603 E. Pearl St., Jerseyville, Ills., May 14, 1913.



# YOUNG'S SPLENDID NASTURTIUMS

Choice Named Varieties and Popular Priced Mixtures



Tall Nasturtiums

## Nicotiana

Sweet-Scented Tobacco Plant

**AFFINIS.** Flowers tubular and deep throated; pure white and very fragrant, especially after sundown. If plants are potted and taken indoors they will bloom all winter. Pkt. 5c.

## Nigella

Love-in-a-Mist

This popular old-fashioned plant bears odd, cornflower-like blossoms and peculiar seed-pods closely surrounded by its finely cut, delicate leaves, of various colors.

**MIXTURE.** Pkt. 5c.

The Nasturtiums I got from you were fine; all colors. Will have some more next spring. Mrs. A. M. Ellet, Monroe City, Mo., Route 3.

These are about as satisfactory flowers as you can plant. They will grow and bloom anywhere, and in fact do better in thin, poor soil than in rich dirt. These come into bloom early and stay until frost kills them. Colors are all shades of red and yellow. The climbing sorts are fine to train up to a window.

## Tall, or Climbing Nasturtiums

**TALL KING THEODORE.** Deep crimson-maroon, so velvety that it is almost black; has dark foliage. One of the best sorts. Pkt. 5c, oz. 15c.

**TALL PEARL.** Nearly white; makes a fine contrast. Pkt. 5c, oz. 10c.

**TALL SCHEUERIANUM.** Straw colored, striped brown. Pkt. 5c, oz. 10c.

**ATROPURPUREUM.** Rich pink. The richest of all pink Nasturtiums. Pkt. 5c, oz. 10c.

**DUNNETT'S ORANGE.** Deep orange, marked with crimson blotches. Pkt. 5c, oz. 10c.

**HEMISPHERICUM.** The plants are closely rounded, with very large foliage. Flowers in different shades of orange-salmon and scarlet. Pkt. 5c, oz. 10c.

**COCCINEA.** A glowing, flaming scarlet, intense and vivid; the largest of its color; of splendid substance and beautiful form. Pkt. 5c, oz. 10c.

**LUTEUM.** Mammoth flowers, frequently 3½ inches in diameter; horns on long, strong stems well above the foliage. Color yellow. Pkt. 5c, oz. 10c.

The Above Collection of Eight Varieties for 25c.

**MIXED TALL NASTURTIUMS.** There is no flower of which you need seed in larger quantities for liberal plantings than tall, or climbing Nasturtiums. For the low price, this mixture is very choice. Pkt. 5c, oz. 10c.

## Lobb's Climbing Nasturtiums

Both foliage and flowers of this class are somewhat smaller than the tall varieties, but the splendid profusion of bloom and the intensely brilliant colors of the flowers render them of the greatest value. 12 to 15 feet.

**ASA GRAY.** The lightest color of all Nasturtiums; pale sulphur yellow. Pkt. 5c, oz. 15c.

**BRILLIANT.** Dark foliage, with flowers of a glowing scarlet. Pkt. 5c, oz. 15c.

**SPITFIRE.** Most glowing scarlet; wonderfully profuse in bloom. Pkt. 5c, oz. 15c.

**NAPOLEON III.** Very rich orange-yellow with garnet blotches at base of petals. Pkt. 5c, oz. 15c.

**CHAIXIANUM.** Flowers of an intense orange-scarlet and faint lines at base; lower petals heavily fringed at throat. Pkt. 5c, oz. 15c.

**ROI DES NOIRS.** Both flowers and foliage are of a rich dark coloring, the flowers being a deep rich velvety crimson. Pkt. 5c, oz. 15c.

The Above Collection of Six Varieties for 25c.

**LOBB'S FINEST MIXED.** This mixture is composed of the most distinct varieties in this grand free-flowering type. Planted in masses it will produce most gorgeous and showy effects. Per pkt. 5c, oz. 10c.

## New Dwarf or Tom Thumb

The Dwarf, or Tom Thumb Nasturtiums, growing as they do, about one foot in height and very compactly, are universally used for beds, borders and massing, being very readily confined to any required space. They thrive under all weather and conditions, and always make the most glorious displays of rich and brilliant flowers.

**AURORE.** Blooms a most brilliant chrome-yellow, the two lower petals veined and blotched with carmine. Pkt. 5c, oz. 10c.

**LADY BIRD.** A very handsome golden-yellow; harred on each petal with a broad vein of ruby-crimson. Pkt. 5c, oz. 10c.

**DWARF PEARL.** Creamy-white; very desirable. Pkt. 5c, oz. 10c.

**CRYSTAL PALACE GEM.** Sulphur-yellow, spotted with carmine. Pkt. 5c, oz. 10c.

**EMPRESS OF INDIA.** A very compact growing sort, having purplish-green leaves; the flowers are fiery crimson. Pkt. 5c, oz. 15c.

**GOLDEN KING.** A rich orange-yellow. Foliage dark. Pkt. 5c, oz. 15c.

**KING OF TOM THUMBS.** Glowing, darkest scarlet flowers; foliage very dark green. A most rich and brilliant variety. Pkt. 5c, oz. 15c.

**CLOTH OF GOLD.** Compact plants, with bright golden-yellow leaves and brilliant scarlet flowers. Pkt. 5c, oz. 10c.

The Above Collection of Eight Varieties for 25c.

**YOUNG'S SPLENDID MIXTURE OF THE FINEST DWARF NASTURTIUMS.** This is our best mixture of the dwarf varieties. It is composed exclusively of the most elegant, large-flowered sorts, and the brilliantly colored flowers range through every shade and tint known in this favorite annual. This seed will produce a bed or border gorgeous beyond description. Large pkt. 5c, oz. 10c.

## Madam Gunther Hybrid Climbing Nasturtiums

These are of French origin, and for rich and striking colors are not surpassed by any class of climbing Nasturtiums. The foliage is mostly dark and contrasts very effectively with the rich colors. They are continuous bloomers. It is impossible to describe all the different colors, but some of the most striking are as follows: White, shaded carmine on the edges, with deep maroon throat; golden-yellow, shaded brown on edges; yellow, shaded and mottled with carmine; white, with red blotches; shrimp pink, with deep maroon throat; shrimp pink, self-color; rose, bright rose, bright yellow orange, etc. Large pkt. 5c, oz. 15c, ¼-lb. 40c.

## Giant Dwarf Nasturtiums

(VARIEGATED FOLIAGE)

**QUEEN OF TOM THUMB.** Variegated foliage, rich crimson flowers. Per pkt. 10c.

**BLACK PRINCE.** Flowers blackish purple. Per pkt. 10c.



## Beautiful Pansies

### Young's Mammoth Strain

Every one is fond of Pansies, and every one, rich or poor, should have a bed of them. They are easily grown and a constant delight. Plant early in the spring, either out doors or in the hothed. Will do well almost anywhere, but do best in a cool place, a trifle shaded. We have the very best German, French and English seed, and for size and brilliant coloring you cannot beat it anywhere.

## Giant Trimardeau Pansies

The flowers in the following Trimardeau collection are fully twice as large as the ordinary Pansies; in color, texture and formation we do not believe anything has ever been offered to equal them.

**ADONIS.** Very bright red.

**VIOLET-BLUE.** Dark marine-blue.

**GOLDEN QUEEN.** Clean, spotless yellow.

**FIRE KING.** Dark maroon.

**BLACK PRINCE.** Dark velvety; almost black.

**STRIPED.** Yellow and red.

**WHITE.** Blue blotches on white ground.

**LORD BEACONSFIELD.** Purple, shading to white.

**EMPEROR WILLIAM.** Royal purple.

**VIOLET AND GOLD.** Very fine.

**MARGINED.** Purple, edged with white.

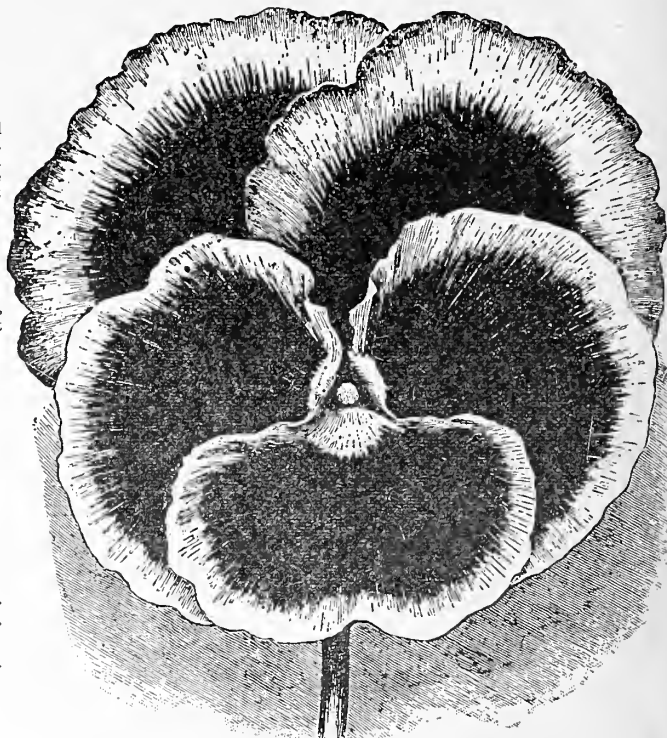
**YELLOW PRINCE.** Yellow with black centers.

Price of any of the above varieties of Trimardeau Pansies, Pkt. 10c.

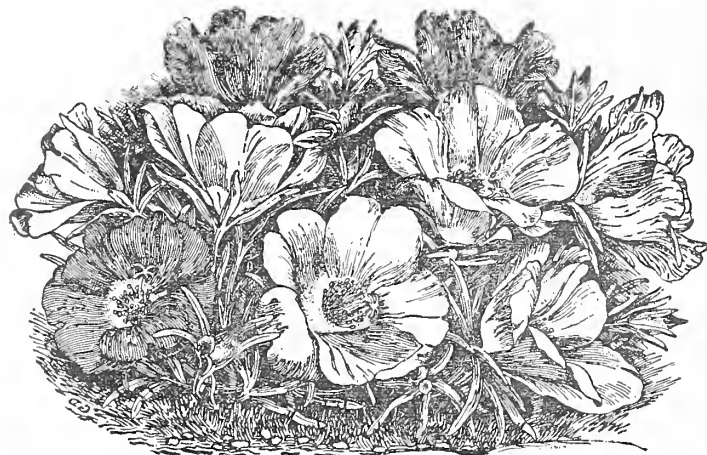
**SPECIAL OFFER.** One packet of each of the above 12, 75c.

**TRIMARDEAU MIXED.** A choice assortment of the above colors. Pkt. 10c, 1/8-oz. 50c.

**LARGE-FLOWERED PANSY MIXTURE.** Pkt. 5c, 1/8-oz. 35c.



Trimardeau Pansy



Portulaca

Popular hardy annuals, producing flowers of almost every hue in the greatest profusion; succeed best in warm, sunny places, and will hardly ever suffer for the want of moisture. When other plants are dying for the want of water, this little heath will continue blooming freely.

Should be sown in every garden. Scarcely any annual in cultivation makes such dazzling display of beauty as a bed of highly-colored, many-hued Portulacas. In bloom from July until frost. Blooms of double varieties are about one and one-half inches across, of many colors, and remain open all day. The plants grow about six inches in height.

**SINGLE VARIETIES, MIXED COLORS.** Per pkt. 5c, oz. 40c.

**DOUBLE ROSE-FLOWERED PORTULACAS.** Saved from the finest double flowers only and will produce a large percentage of doubles. Per pkt. 10c.

## Sweet William

(Dianthus Barbatus)

A splendid old-fashioned plant, producing its large heads of beautifully colored sweet-scented flowers in great abundance. The seed can be planted in the spring, in open ground, or can be sown in August and will make fine plants for spring. Young plants do better so seed should be sown every year.

**DOUBLE MIXED.** This mixture you will find of very superior quality, containing all colors and shades. Pkt. 5c.

**SINGLE MIXED.** A very choice assortment of all the best single-flowering varieties. Pkt. 5c.

## Platycodon

(CHINESE BELL FLOWER.)

A hardy perennial, growing 1½ feet high and bearing double deep-blue blossoms in profusion all summer.

**MIXED COLORS.** Per pkt. 10c.

Your order 7180 came in fine order. Bulbs are very fine and are growing. I thank you for the extras. Respectfully, Miss Mary Donan, Palmyra, Mo., Oct. 7.

## Smilax

A charming tender perennial climber for house or for greenhouse culture. Forms "strings" six feet or more long, which are extensively used for decorating; and is also grown in immense quantities by florists. Foliage and stems a pleasing light waxy-green; very graceful and delicate; remains fresh several days after being cut. Soak seeds twenty-four hours in hot water before sowing. Per pkt. 10c.

## Scabiosa

(Mourning Bride; Sweet Scabious, Pincushion Flower.)

A beautiful annual, growing in almost any soil. The large double flowers are borne on long slender stems, and are of the most magnificent colors. They begin blooming the latter part of July and continue in the greatest profusion till late in the fall. They make one of the best flowers for vases, and should be in every garden.

**NANA COMPACTA.** A very free-flowering annual. Valuable for cutting purposes. Per pkt. 10c.

**MIXED COLORS.** Per pkt. 5c.

## Stokesia Cyanea

(CORNFLOWER ASTER)

Every one knows this lovely Cornflower with its delicate flowers of lavender. It blooms from early July until frost. The plant is of easy culture and will add "atmosphere" to any garden. Pkt. 10c.



Sweet Williams





Spencer Sweet Pea

### Young's Popular Collection of Sweet Peas

**DOROTHY ECKFORD.** Flowers pure white; very large, formed like a lovely shell; a vigorous grower.  
**KING EDWARD.** The best dark red yet introduced; flowers very large and of an intense crimson shade.  
**OTHELLO.** Large, grand, hooded flower of handsome maroon.  
**ADMIRATION.** Large flower of perfect form; delicate rosy lavender.  
**BLANCHE FERRY.** The popular and reliable pink and white.  
**BLANCHE BURPEE.** Flowers large, pure white, exceptionally well formed.  
**AMERICA.** Striped blood-red.  
**HON. F. BOVERIE.** Deep pink, shading lighter at edges.  
**LOTTIE ECKFORD.** White, edged lavender-blue.  
**LADY NINA BALFOUR.** Large, wide-open flowers of delicate lavender.  
**SPECIAL OFFER.** One pkt. each of the above 10 distinct colors, 50 cents.

### Young's Popular Mixture of Sweet Peas

Well proportioned as to colors; made up by carefully arranged formulas from lists which we have been using for many years. This mixture includes many of the best new varieties. Oz 15c,  $\frac{1}{4}$ -lb. 50c, lb. \$1.50.

The bulbs arrived in fine condition. Many thanks for extras. Am well pleased with the roses I bought of you one year ago as I have them in bloom till killed by frost. Mrs. I. T. Hume, Knobnoster, Mo.

## Sweet Peas

Sweet Peas are probably the most popular flowers in America. They are loved by every one, both for their beautiful coloring and for their delightful fragrance.

Plant very early in the spring, as early as you can work the soil. They will grow in any good garden ground where you could raise ordinary garden peas. They cannot stand heavy shade nor extreme dry weather, but should have good ordinary or rich soil, true sunlight and plenty of moisture.

## Named Spencer Sweet Peas

In this we have a new class of Sweet Peas which has attracted a great deal of attention for the last two or three years. Flowers of enormous size with both standard and wings waved, fluted and frilled, while the flowers are so loosely and gracefully set on the stems that they at once show their superiority to the older kinds. The vines are healthy and vigorous, growing taller than the ordinary varieties. The perfectly formed blooms often measure two inches across. The original variety, called Countess Spencer, which originated in England, varied somewhat in color, but by selection and improvement of these variations a considerable list of beautiful varieties has been produced

**AURORA SPENCER.** Wonderfully delicate and dainty; striped and flaked with salmon and orange on pure white ground. Pkt. 10c.

**APPLE BLOSSOM SPENCER.** Unusually large, even for the Spencers; standards, bright rose, wings primrose; fluffy and wavy. Pkt. 10c.

**DAINTY SPENCER.** Clear white, shaded buff-pink, and brightly edged with soft pink. Pkt. 10c.

**KING WHITE SPENCER.** A perfect white Spencer Sweet Pea. The standards are of immense size of bold expanded form, yet exquisitely waved. 10c.

**MARGARET MADISON SPENCER.** A beautiful self-colored azure blue, very vigorous grower. 10c.

**CAPTAIN OF THE BLUES SPENCER.** Standard purple, wings bright blue. A decided new color in Spencers. 10c.

**KING EDWARD SPENCER.** Immense flowers often measuring 2 inches across, wings unusually large. Color a beautiful crimson-scarlet. 10c.

**SPECIAL OFFER.** One pkt. each of the above 7 superb varieties, 50c.

**COUNTESS SPENCER HYBRIDS MIXED.** This is the wonderful new orchid-flowering race of Sweet Peas which has created such a sensation the last two or three years and originated a new class of Sweet Peas. The flowers are of a very large size, filled and ruffled at the edges, and generally three or four blooms to a stem. They are different from any other type of Sweet Peas, and we think are much finer. There is a wide range of color, mostly in soft, delicate shades. Pkt. 10c, oz. 35c,  $\frac{1}{4}$ -lb. \$1.00.

## Young's Ideal Collection of New Sweet Peas

**PRIMROSE SPENCER.** A distinct primrose or cream-yellow all over the flower. Pkt. 10c.

**TRUE COUNTESS SPENCER.** Immense flowers gracefully formed; colors ranging from light to deep pink, delightfully shaded with orange and white. We have developed our strain of this variety very carefully and find that our seed is more or less liable to change in flowering; however, all the colors are most delightful and you certainly cannot go wrong in purchasing our seed. Pkt. 10c.

**WHITE SPENCER.** Pure white flowers, large and beautifully formed. Pkt. 10c.

**TENNANT SPENCER.** A giant flower of good Spencer form. The color is a curious purplish mauve.

**OTHELLO SPENCER.** One of the finest dark Spencers. Both wings and standard are beautifully waved. The deep rich maroon flowers are borne very profusely.

**FLORENCE NIGHTINGALE SPENCER.** Charmingly soft, yet rich lavender enlivened by a very faint sheen of rose-pink. Wings large, well-spread, frilled and waved. 10c.

**SPECIAL OFFER.** One each of the above varieties, 40c.



## SWEET PEAS, Continued

## Young's Superb Collection of Sweet Peas

**MRS. JOSEPH CHAMBERLIN.** The standard, reliable pink.  
**KATHERINE TRACY.** Soft pink standards, with lighter pink wings.  
**GRAY FRIAR.** Deep lavender, on white ground.  
**STANLEY.** Large glossy maroon flowers.  
**COUNTESS OF CADOGAN.** Purple standards, clear blue wings.  
**AGNES JOHNSON.** Light pink-buff and creamy blue.  
**SADIE BURPEE.** Very large, pure white, showy flowers.  
**FIREFLY.** Large, bright scarlet flowers.  
**LADY GRISEL HAMILTON.** Light lavender flowers, daintily hooded.  
**AURORA.** Extra-large flowers, striped orange and white.

Price on any of the above varieties of Sweet Peas, Pkt. 10c., oz. 20c.  
**SPECIAL OFFER.** One pkt. each of the above 10 superb varieties of Sweet Peas, 50c.

## Young's Popular Mixture of Sweet Peas

Well proportioned as to colors; made up by carefully arranged formulas from lists which we have been using for many years. This mixture includes many of the best new varieties. Oz. 15c,  $\frac{1}{4}$ -lb. 50c, lb. \$1.50.

## Young's Superb Mixture of Sweet Peas

This mixture contains 50 of the best sorts, carefully balanced for color, etc., with all the undesirable ones left out. Many of these are of the long-stemmed varieties which carry three or four fine flowers each. Oz. 20c,  $\frac{1}{4}$ -lb. 60c., lb. \$1.75.



Ricinus



## YOUNG'S CHOICE MIXTURE OF SWEET PEAS

An excellent mixture of pleasing standard varieties in many colors; has been giving satisfaction for years. Oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

## RICINUS

(Castor Oil Bean)

For magnificent tropical effects nothing excels the beautiful Ricinus. Makes splendid center for a large center bed, with cannas and caladiums planted around it. Excellent for screening unsightly buildings. Many of the varieties have beautiful bronze-leaved foliage. Sow the seed in the spring where they are to grow.

**ZANZIBARIENSIS.** A new and distinct class, surpassing in size and beauty all varieties hitherto known. Plants attain great dimensions—twelve to fourteen feet in height—presenting a splendid aspect with their gigantic leaves. Our mixture contains light and dark green leaves and some coppery-bronze colored, which change to dark green with reddish ribs. Pkt. 5c, oz. 20c.

**BORBONIENSIS ARBOREUS.** Tall decorative variety with large purplish leaves. 15 feet. Pkt. 5c.

**GIBSONI.** A compact-growing variety of branching habit. The large leaves are a rich deep-red. 5 feet. Pkt. 5c.

**YOUNG'S MIXTURE.** A splendid mixture containing all the above varieties with many others. Per pkt. 5c, oz. 10c.

## THUNBERGIA

(Black-eyed Susan)

**ALATA.** Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively in hanging-baskets, vases, low fences, etc., very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors; 4 feet. Per pkt. 5c.

## SALVIA—FLOWERING SAGE

One of the grandest plants in cultivation, a bed of them surpassing the finest scarlet geraniums in brilliancy and continuous bloom, the flower spikes often measuring 10 to 12 inches in length, and there are as many as two hundred spikes on a well grown plant. From the time they first begin to flower the plants are never out of bloom until killed by frost. Easily grown; constant delight to every one. Sow seed early indoors or in a frame in time to get good plants to set out of doors the latter part of May, or when the weather is suitable. Massed in a bed, or a row or two around the veranda, they make a beautiful show. Set plants one foot apart.

**BONFIRE.** Plants form healthy bushes about 2 feet high by two feet across. Spikes grow erect and stand clear above the foliage, completely covering the plant, and are of a most brilliant, dazzling scarlet. One of the finest sorts. Pkt. 10c.

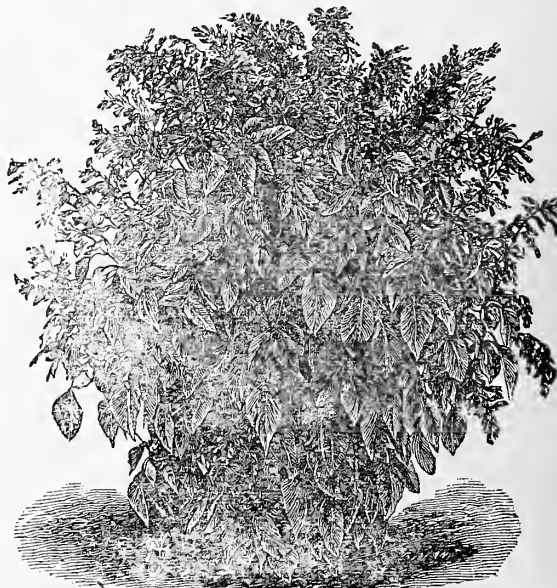
**SPLENDENS.** One of the most gorgeous of annuals, blooming throughout the summer and fall. The plants grow from one and one-half to three feet in height and are completely covered with showy sprays of bright scarlet flowers. (See cut.) Per pkt. 10c.

**SILVERSPOT.** Strikingly handsome spotted foliage. Leaves rich, soft dark green, with light yellowish spots of various sizes sprinkled over them, and have a fresh, healthy appearance. Flowers large, bright red; plants of neat, compact habit. Comes quite true from seed. Pkt. 10c.

**BURNING BUSH.** This variety of Scarlet Sage forms strong, sturdy bushes 2½ feet high, and bears the finest individual spikes of flowers of all, many of them being over 18 inches in length; color intensely rich scarlet; decidedly one of the best. Per pkt. 10c.

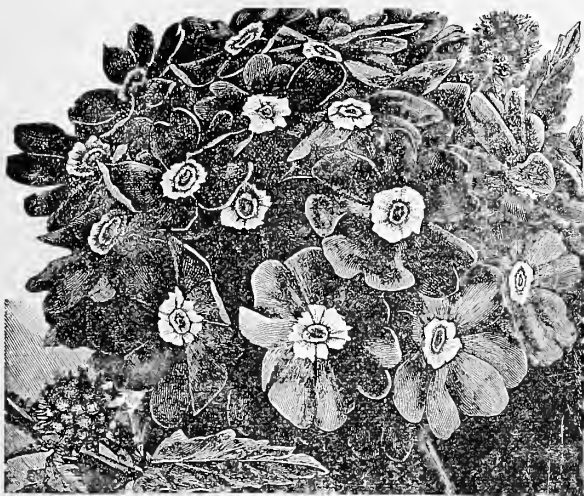
**ZURICH.** A new dwarf variety, generally not over 12 inches high. Compact, beginning to bloom early in June and continuing until autumn. Flowers in erect spikes, brilliant scarlet. Pkt. 15c.

The plants and bulbs came in fine shape. I thank you for the extra ones. Respectfully, Mrs. C. S. Henning, 1801 Rampart St., El Paso, Texas.



Salvia—Splendens





Verbena

**Violet**

(VIOLA ODORATA)

Sweet-scented Violets are easily grown from seeds; and if you can plant them in a cool and moist situation, so much the better. All varieties are of great beauty.

**THE CZAR.** Largest flowering, deep blue. Pkt. 10c.

**ODORATA.** Single blue. Pkt. 10c.

**Wallflower**

These deliciously fragrant half-hardy perennials should be better known. By growing plants in the garden and transplanting to pots in the autumn; or better, by placing plants in pots when taken from the seedbed, and sinking the pots to the rim in earth, good plants will be secured for winter flowering in the house. Give a cool room and plenty of water, or they may be protected in a coldframe during winter, and planted out in May. Where winters are not very severe the Wallflowers make most desirable plants, giving plenty of early spring flowers.

**MIXED SINGLE AND DOUBLE.** Per pkt. 5c.

**Vinca—Madagascar Periwinkle**

Very ornamental plants, valuable for house or bedding, having glossy, green leaves and round pink and white flowers.

**ALBA PURA.** White.

**ROSEA.** Bright rose.

**ROSEA ALBA.** Creamy white, flushed with rose.

Price of any of the above varieties of Vinca, pkt. 5c.

**MIXED.** A choice selection. Pkt. 5c.

**Stocks**

(Gilliflower)

The Stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion, and duration of bloom it is unsurpassed.

**Cut-and-Come-Again 10-Week**

Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing until frost, and are especially valuable during September and October when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers; excellent for cutting. Pkt. 10c.

**GIANT PERFECTION, FINEST MIXED.** Splendid variety of pyramidal growth, with long spikes of beautiful large double flowers. Pkt. 10c.

**DWARF GERMAN, TEN WEEKS.** This is the leading class for bedding out or summer blooming. Mixed colors. Per pkt. 5c.

**Mixed Flower Seed for Wild Gardens**

A splendid mixture of beautiful, free-blooming, hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds, will find the "Wild Garden" a delightful substitute, with its constant and ever-varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Thin out where plants are crowded and keep clear of weeds. Pkt. 5c.

**Cultural Directions**

To help beginners and others who are not fully posted in gardening, we have had the following leaflets printed. They are yours for the asking. We send them free. In sending in your order just state the leaflets wanted.

Annuals from Seed Asters,  
Hot Beds and Frames,  
Care of House Plants,  
How to Grow Pansies,  
How to Grow Sweet Peas,  
Hardy Climbing Plants,  
Gladiolus,

Tuberose,  
House Culture of Palms,  
How to Make a Water Garden  
Chrysanthemums,  
Canna,  
Dahlia,

**Young's Mammoth Verbenas**

If it were possible, it would seem to us that Verbenas are becoming more popular every year. The plants thrive in any good garden soil, and if grown from seed are much more vigorous than if started from cuttings. Verbenas will flower perfectly from seeds, started early in the house in boxes or pots; or you may plant the seeds directly in the garden beds when the warm weather of May arrives. Height 1 to 1½ feet.

**Mammoth Purple,** pkt. 10c.

**Mammoth Scarlet,** pkt. 10c.

**Mammoth White,** pkt. 10c.

**Mammoth Striped,** pkt. 10c.

**Young's Mammoth Mixed Verbenas**

Our strain of these elegant mammoth-flowering Verbenas will make beds and borders in the garden of the greatest brilliancy. These are our best Verbenas, and for enormous flowers of rich and superb colors are unsurpassed. (See illustration.) They bloom most profusely. Our mixture contains every desirable color and shade. Pkt. 10c.

**MAYFLOWER.** This Verbena is of bright and pleasing shades of pink, of extra size and free-blooming habit. Its chief claim to popularity is its fragrance, which resembles the Trailing Arbutus or Mayflower. This fact gave it its name. It is very desirable for bouquets and decorative purposes, and is unsurpassed as a bedder. Pkt. 10c.

**VERBENA, FINE MIXED.** A very satisfactory assortment, containing many fine colors and shades. Pkt. 5c.

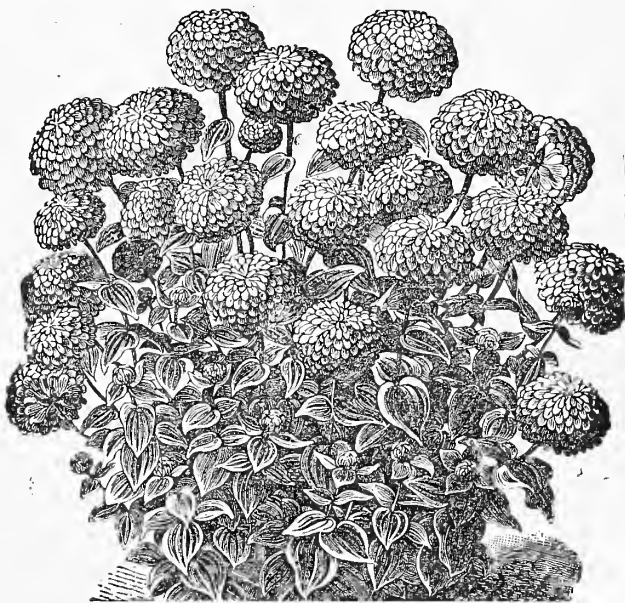
**VERBENA, LEMON SCENTED.** This fragrant plant is easily grown from seed, and succeeds well anywhere. Have a good bed of it in the garden every summer, that you can cut its fragrant foliage and flowers to make up with bouquets. Pkt. 5c.

**Humulus Japonicus**

(JAPANESE HOP)

One of the most rapid climbers grown; seed can be sown in the open ground in the spring and it will attain enormous dimensions very quickly. The foliage is luxuriant, and it is one of the best plants for covering verandas and trellises. Heat, drought and insects do not trouble it. Pkt. 10c.

**VARIEGATUM.** A variegated variety of the above. The leaves are beautifully marbled and splashed with silvery-white, light and dark green; very effective for screens, arbors, trellises, etc. Per pkt. 10c.



Zinnia

**Young's Zinnias**

One of our most stately and showy border plants, a strong grower, and therefore succeeds well, even if the ground is not very rich. The plants come quickly from seeds, are easily transplanted, and make a fine display in a bed or border or among shrubbery. Each flower lasts for several weeks and the plants bloom abundantly until destroyed by frost.

**Mammoth Flowering Prize Zinnias**

These splendid large-flowering Zinnias (see illustration) represent the very highest perfection yet attained in this flower, and for perfect doubleness, mammoth size, as well as the wonderful variety of colors and shades, are unsurpassed by any strain in cultivation. We offer the following splendid separate colors, and our elegant mixture:

**Mammoth Crimson,** Pkt. 5c.

**Mammoth Scarlet,** Pkt. 5c.

**Mammoth Golden Yellow,** Pkt. 5c.

**Mammoth Pure White,** pkt. 5c.

**Mammoth Yellow,** Pkt. 5c.

**Mammoth Orange,** Pkt. 5c.

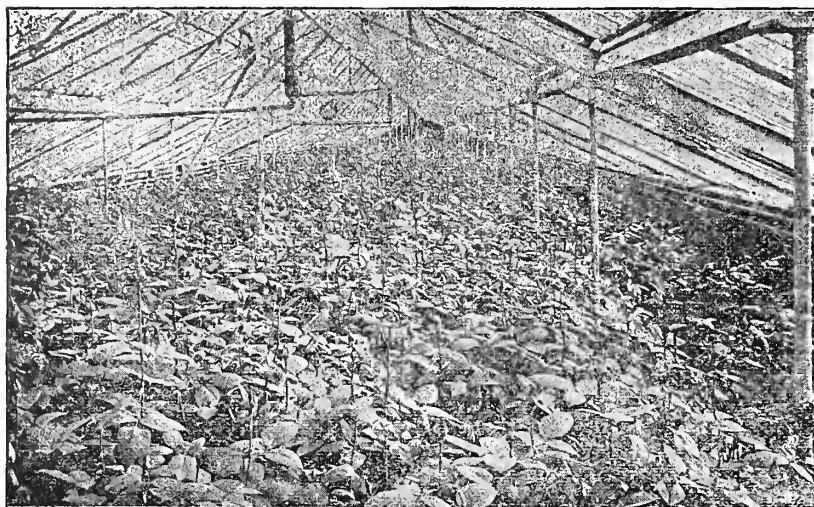
**GIANT FLOWERING, MIXED COLORS.** This mixture includes all the best and largest types, and cannot be excelled in beauty of flowers or range of color. The shades include: scarlet, crimson, rose, yellow, etc. Colors mixed, per pkt. 5c.

I received plants and bulbs which I had ordered from you, in a fine condition, your order No. 7053 for which I thank you very much. I remain as ever, yours truly, Mrs. Chas. Fellenstein, Valmeyer, Ills., 10-2-12.



# PLANT DEPARTMENT

A WORD ABOUT PLANTS, PRICES, CULTIVATION, ETC.



Interior of one of our Rose Houses, showing the healthy, vigorous growth of the plants.

**True to Label.** If, through carelessness in selecting, or through plants having become mixed by accident, an order is not filled true to label, we will do our best to make the matter right when notified. Mistakes in varieties are especially vexatious, and we try in every way possible to avoid them.

## CHOICE ROSES

Our mode of packing plants is unequalled, and we can ship them any distance with perfect safety. Our prices are very low for the grade of roses we send out. Our cold system of growing roses insures our patrons stronger and healthier plants than can be produced elsewhere at the same prices. Some varieties grow more rapidly than others, and on such sorts we have given our customers lowest prices.

### A FEW HINTS ON THE CULTURE OF ROSES, WHICH, IF FOLLOWED, WILL INSURE SUCCESS:

**What Varieties to Plant.** The EVER-BLOOMING or MONTHLY ROSES are the only really constant bloomers we have. They begin to bloom early in the season, or almost as soon as planted, and continue all through the summer and autumn months until stopped by freezing weather. They bloom and flourish luxuriantly in all parts of the country from Canada to Mexico. The flowers are of beautiful form and fullness, delightful fragrance, and embrace all the lovely shades and color that roses ever assume. In the north they require protection during winter, and being natives of a more genial climate, must not be expected to survive in the open ground without protection where the temperature falls much below zero.

**Preparation of Rose Bed.** Select a sunny spot not undermined by roots of trees, and quite level with the grass-plot. Prepare your bed by digging to the depth of 18 inches. Any good garden mould will grow roses. After the plants have been set out, which should be early in the season, keep the soil loose by frequent shallow stirrings, till the middle of June, when they should be mulched by covering the surface of the bed to a depth of an inch or so with old manure or any strawy material, to prevent evaporation. An occasional application of manure water greatly stimulates growth, which, with most roses, means bloom.

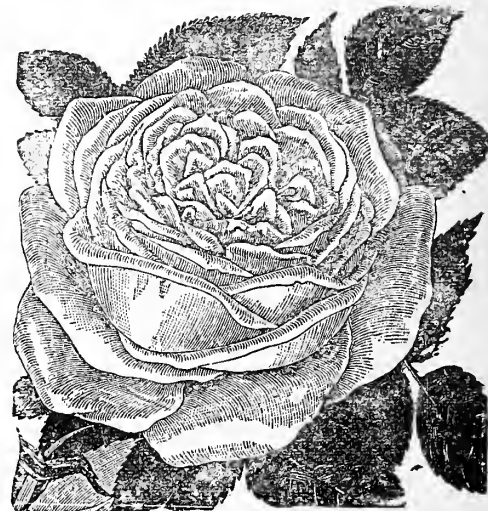
**Fertilizers.** Fine, well-decomposed cow manure is the best for general purposes, and the results obtained from its use, will be found to be, in most respects, satisfactory. Ground bone ranks next to cow manure as a fertilizer, and may be used in place of it or in addition to it. Roses are rank feeders and amply repay the food and moisture given them, both with luxuriance and elegance of foliage, and profusion and size of bloom.

## New Hardy Yellow Rose Soleil d'Or

A perfectly hardy yellow rose, robust and very vigorous, the buds are conical in shape and of a lovely yellow color. The flowers when expanded being large, very full and rounded, center petals merely incurved of a superb color, averaging from gold and orange to a reddish gold and shaded with Nasturtium red; the open flowers often measure  $3\frac{3}{4}$  inches across. Our stock of this variety is only: First size, two-year-old, 75c. (See cut.)

Macon, Mo., April 12, 1915.

I received my plants this A. M. in fine shape and accept thanks for extras. Very much pleased with them. I wish to remain, very respectfully, Mrs. G. W. Garrett.



Rose Soleil d'Or.



## FOREST PARK COLLECTION OF HARDY EVER-BLOOMING ROSES



A Bed of Roses in Forest Park, St. Louis.

The beds of beautiful Ever-blooming Roses in Forest Park have become famous, and that all may grow and enjoy these splendid roses we offer below the varieties planted in these beds. The illustration above shows their vigor of growth and free-blooming qualities. By ordering the "Forest Park Collection" you will obtain a very select assortment of the finest ever-blooming roses, that will be sure to prove entirely satisfactory.

**CLOTHILDE SOUPERT.** This rose has a dwarf habit which makes it an admirable rose for mass planting or in borders. It is constantly in bloom, and thrives well everywhere. The flowers are extremely double, white on the outer edge deepening to a true pink in the center.

**ETOILE DE FRANCE.** A free, deep red bloomer, that always gives entire satisfaction. It is perfectly hardy, and deserves a place in every garden. The flowers are double and are very fine for bouquets, etc. This fragrant rose will prove its worth if planted in your garden.

**GRUSS AN TEPLITZ.** Who hasn't heard of this grand rose? Very few, we should say, as it is planted everywhere—a genuine favorite. Being the most prolific bloomer of any rose under cultivation, it has made a home for itself in every garden in which it has been planted. It withstands the heat of the South and the cold of the North with equal fortitude. It's the one red rose you can't go wrong on. Plant it freely and watch the effect.

**RICHMOND.** This is unquestionably the most valuable red rose yet introduced; color, a rich glowing scarlet; does not blue with age. A strong, vigorous grower with but little blind wood; foliage large, deep green; stems strong, holding the flowers erect, and requires no special treatment.

**MME. ABEL CHATENAY.** Here is a pink rose that is very little known although on the market a long time. Why it is not popular, it is hard to say, as it is the best hardy, double, pink, ever-blooming rose in any list. The color is a reddish pink, with foliage of dark green, impervious to disease. This is a first-class bedder. Try it.

**MRS. A. R. WADDELL.** A new salmon-pink rose of recent introduction. The color is truly remarkable. No artist's brush could fully depict the wonderful shadings of orange, pink and canary-yellow which blend together as only nature itself can blend. It holds its own with the other bedding roses, and blooms constantly.

**SUNBURST.** This magnificent giant yellow rose is a fine forcer; it stands head and shoulders above all others of its color and will rank with American Beauty and the Killarneys in value and grandeur. It has long, pointed buds, which can be cut tight for market. The color is orange-copper or golden-orange and golden-yellow; edge of petals lighter; all intense shades, extremely brilliant in effect. It puts all the yellows to sleep when it comes to bedding in the garden. The golden-yellow color stays right with the flower until it fully finishes.

**LA FRANCE.** An old and well-known variety. Color silvery rose shades, with pink, it has a satin sheen over all its petals. Hardy, continually in bloom; first-class in every way.

**HERMOSA.** Everybody knows this famous variety. As hardy as an oak, and always covered with its elegant clear pink blooms. There is not a shade of color of any kind to mar its purity. We doubt if any rose ever grown will take its place.

**PINK KILLARNEY.** The Irish rose with a national reputation. Pretty pink, with long-pointed buds of immense size. The plant is a strong, upright grower, with clean, bronzy green foliage.

**W. R. SMITH.** Vigorous grower; flowers of fine size; creamy white, shading to pink. Very hardy and a desirable variety for general planting.

**HELEN GOULD.** Magnificent, double, red flowers; buds long and pointed. The plant is a rapid grower, and is one of America's leading bedding roses.

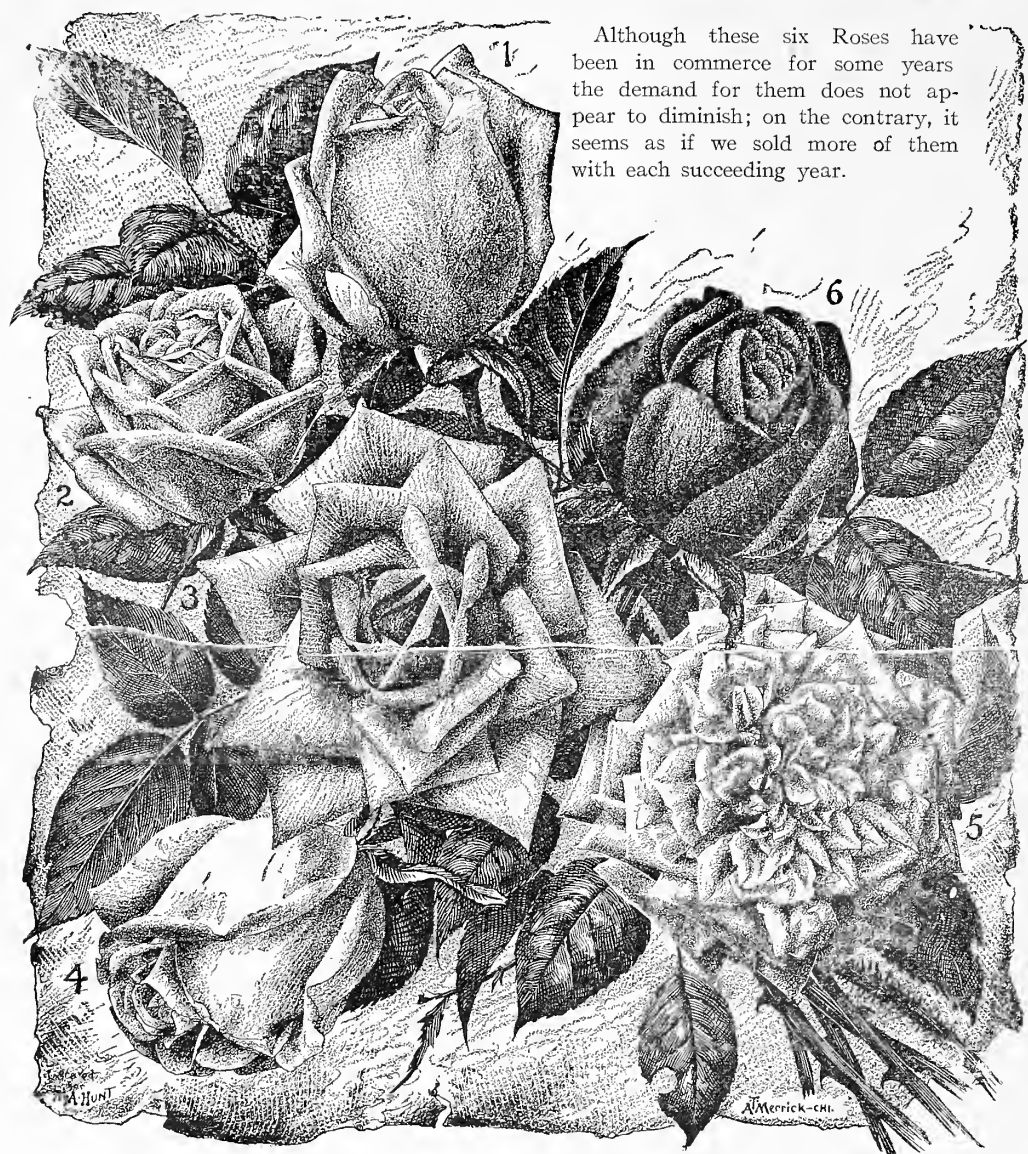
**SPECIAL OFFER**—For \$1.50 we will send, postpaid, one each of the twelve splendid strong one-year-old Roses described above. Larger plants by express, the 12 varieties for \$2.50, strong two-year-old plants, one each of the 12 varieties described above for \$5.00, by express only.

**NOTICE**—Our two-year-old roses deserve special mention; they are unusually strong and vigorous; as fine as we have ever grown. No finer specimens will be found in this country, and this low price beats all others.

This collection is a winner—you can't do without it.



## SIX BEDDING ROSES



Although these six Roses have been in commerce for some years the demand for them does not appear to diminish; on the contrary, it seems as if we sold more of them with each succeeding year.

**Clotilde Soupert.** So famous has this superb variety become that it is almost unnecessary to describe it. Rose lovers the world over know it to be one of the best Roses. It is a strong, dwarf grower and a truly wonderful bloomer, producing cluster after cluster of finest formed flowers. In form they are perfectly full and double and deliciously sweet.

**Gruss an Teplitz.** One of the brightest colored roses grown. Color dark rich crimson, changing to bright scarlet, shading to velvety red. Blooms continually; flowers good sized and delightfully fragrant. One of the finest and most useful bedding roses extant.

**Hermosa.** It would be but a waste of words to write a lengthy description of Hermosa. It is too well known and too great a favorite. It is always in bloom and always beautiful; the color is the most pleasing shade of pink, very fragrant. A grand rose for bedding or pot culture.

**White Maman Cochet.** A sport from Maman Cochet, which it resembles in every particular except color, which is pure white, occasionally tinged with blush.

**Pink La France.** The old familiar La France rose which has been pleasing the people since it was originated in 1867. Silvery-rose with satin-like petals of unsurpassable beauty, large, symmetrical and deliciously fragrant blooms from June until frost.

**Perle Des Jardins.** Probably better known than any other yellow rose grown. Beautiful clear yellow, distinct from all other Tea Roses. The flowers are large and of perfect form, fine in every stage of development from the smallest bud to the open flower.

**The Set of Six Bedding Roses** for 75c by mail, postpaid. Large plants by express only: Set of six \$1.25. Extra large two year-old plants, set of six for \$2.00.

## THE KILLARNEY ROSES

**Pink Killarney.** This sterling variety has made such a name for itself and gained such prominence during the few years that it has been in existence that a lengthy description is unnecessary. Suffice to say that it is the freest flowering pink rose in existence; when we say that, of course, we mean of roses that are considered large.

**White Killarney.** Free-flowering and has long, narrow pointed buds of the purest white. Without a doubt the best cut-flower rose in the white class. With a little protection this rose winters very well and we feel certain that after a trial of it in your garden you will not be without it.

**Killarney Queen.** A cerise-pink sport of Killarney that for clearness and brightness of color has not been equalled. Exceptionally strong in growth, with foliage that is perfect, being larger than Killarney and more glossy. In size of petals Killarney Queen is larger than its parent, and for high grade bloom it is a very superior variety.

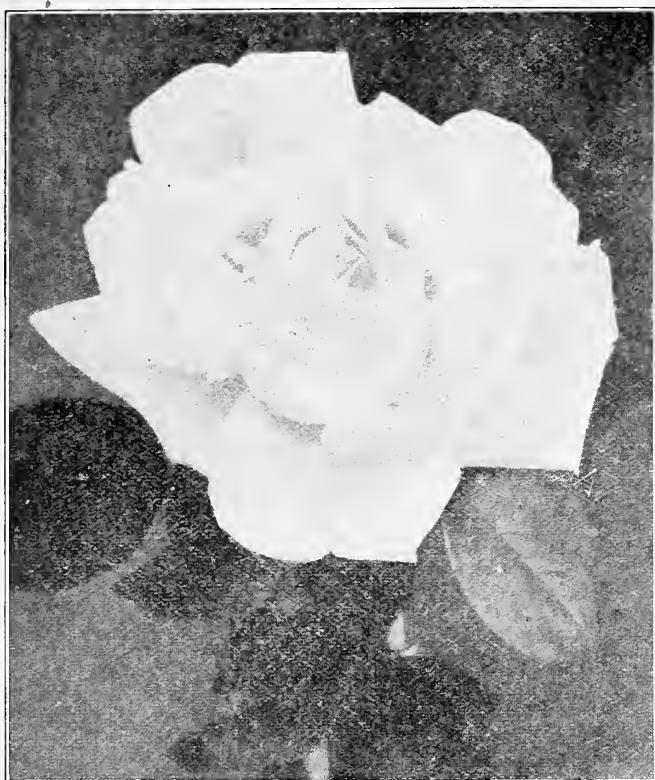
**Killarney Brilliant.** The introducers are to be congratulated sixteen years after the advent of Killarney in giving us this distinct novelty, which is undoubtedly the best of the Killarney type. Killarney Brilliant has the same habit of growth and the same freedom of bloom as its parent, while the flower is more double. The color is a very brilliant pink and varies like Killarney. In the garden in bright weather is clear pink, and in dull weather almost crimson.

**Price on the above Killarney, 20c each, the four varieties for 75c. 1-year-old plants 35c each, the set of four for \$1.25. Extra large 2-year-old plants 50c each, the set of four for \$1.75; by express—too large to mail.**

Bushes and plants received in good order, for which I thank you. Respectfully, Mrs. W. H. Pommer, Columbia, Mo. April 26, 1915.



# THE TWO GREAT BEAUTIES



White American Beauty

## Red American Beauty

### THE SWEETEST AND BEST OF ALL HARDY ROSES

More plants are grown and more flowers are sold of this 'The Queen of all Roses,' than any other rose in cultivation, and deservedly so, for it is one of the grandest and most beautiful roses now known. It is a genuine hardy, ever-blooming rose. For immensity in size, richness in color, exquisite form and delicious fragrance, it stands without an equal. It is a quick and bushy grower, with splendid foliage, producing upon stems frequently over six feet in height, magnificent buds and large, deep, double flowers. It is valuable both for house and garden culture. Color is a rich rosy crimson shaded and veined in the most charming fashion; fragrance is wonderfully sweet, not surpassed by any rose we know. Price, 1st size, 20c each, 2 for 35c; 2nd size, 35c each, 2 for 60c. extra large plants, 75c each, 2 for \$1.25.

## White American Beauty

### FRAU KARL DRUSCHKI

This wonderful new rose of German origin has proven to be the best and most sensational snow-white variety introduced in the last decade. Extraordinary in its growth and branching freely, it has the vigor and hardiness of an oak. Foliage large and heavy, and the flowers, which are the glory of the plant, are immense in size and produced with great freedom on long, stiff stems. An ordinary plant will bear hundreds of magnificent flowers, which are full, very deep and double and of splendid substance; petals long and broad, and saucer-shaped. The bud is egg-shaped, long and pointed, while the color is marvelous snow-white, without a tinge of yellow, pink or any other color. Truly a wonderful rose. Hardy everywhere. We have a large stock in fine condition—absolutely true. Price, 1st size, 20c each, 2 for 35c; 2nd size, 35c each, 2 for 60c; extra large plants, 75c each, 2 for \$1.25.

## A FEW CHOICE NEWER ROSES

### MRS. GEORGE SHAWYER

This variety is a wonder for freedom of growth and bloom. No other forcing rose can touch it on these two points. It throws up strong breaks in rapid succession, and a bench soon shows dense growth, every shoot tipped with a bud. The color is bright peach-pink, and is carried on three and four foot stems.

### OPHELIA

It is a difficult task to accurately describe this rose, although the description "a brilliant salmon-flesh shading to rose," about hits it. Being hardy with slight protection and possessing flowers that are fragrant and faultless in form of bud or flower, with erect habits and free-flowering, we are sure that it is a rose that will make many friends amongst our customers.

### LADY HILLINGDON

Similar to the Aaron Ward Rose, being one of the new burnt orange colored varieties which are now baying such a reign of popularity among rose-lovers. An extremely good bedding rose, although ostensibly a rose for forcing for flowers.

### MRS. AARON WARD

This rose is a real joy to the grower and absolutely distinct. One of the most delightful roses of recent years in a color that catches the eye at once. Coppery-orange in the open bud, golden-orange when partly developed, pinkish-fawn of lovely shade when fully open, when it looks like a full fluffy-silk rosette. Color effect of the whole flower is Indian-yellow. No wonder everybody who sees it falls in love with it; one of the most beautiful roses in existence.

### SUNBURST

A new rose and a good one. From the beginning to the end of the blooming season, you will always find Sunburst full of buds and blooms. The demand last year for this excellent rose exceeded our expectation but we are sure that this season will find the demand even greater. This is not hard to explain as the magnificent color expressed in the well-shaped blooms of this variety attract the eye at once. You should try this one, it is unsurpassed.

Price of above varieties, 25c each, the set of 5 for \$1.00.

Extra large plants, 50c each, the set of five for \$2.00, by express, o large to go by mail.



Marchal Neil Rose

## Marchal Neil

A magnificent climbing rose. It is a splendid variety for Southern cultivation where they attain a degree of perfection seldom seen in any rose; the buds and flowers are superb, extra large, very double and deliciously perfumed. They are in point of beauty the first of their class. Color a deep golden yellow. This variety is highly esteemed for general planting, as an outdoor rose we recommend it more highly than ever to our southern friends.

Price, strong 1-year-old plants, 25c each.

I thank you for your prompt and satisfactory response to my card. The roses came through all right. Truly, Mrs. B. D. Carson, Cleveland, Oklahoma, April 27, 1915.





W. R. Smith

## Collection of Eight Hardy Ever - Blooming Garden Roses

### New Ever-Blooming Yellow Rose, **SUNBURST**

For years we have been anxiously looking for a yellow ever-blooming Rose which was perfectly healthy, which would invariably produce perfect flowers under normal conditions of growth, which had strong, rigid stems, which had well-shaped, double flowers, and, above all, which had good color; these indispensable qualities are united in this fine variety.

### Hardy Ever-Blooming Rose, **THE BURBANK**

This valuable new rose is a cross between Hermosa and a seedling of Bon Silene. It proves hardy everywhere with slight protection. Burbank is a Rose wonderfully improved in size, brilliancy of color and perfection of form, with Hermosa's valuable habit of blooming all season. Every little plant commences to bloom as soon as it starts from a cutting. Flowers rich shell pink, deepening to carmine crimson; full double.

### Hardy Ever-Blooming Rose, **GRUSS AN TEPLITZ**

Unquestionably the finest dark red, hardy, ever-blooming garden Rose introduced to date. That it is destined to attain wide popularity is assured, for it has all the qualities desired in a garden Rose. The color, when first opening, is very dark rich crimson, quickly changing to bright scarlet, shading to velvety fiery-red. One of the very brightest colored Roses we know. The flowers are large, full and sweet, very showy and handsome. It blooms constantly and continues covered with flowers the whole season.

### Hardy Ever-Blooming Rose, **KAISERIN AUGUSTA VICTORIA**

This creamy rose has proven without a doubt that it has come to stay. Your garden is incomplete without it, and with a little care and attention it will more than repay with large and perfect blooms.

Hardy with a little protection.

### Hardy Ever-Blooming Rose, **SOUVENIR DU PRESIDENT CARNOT**

Large, full-double, fine shape, with heavy, thick, shell-like petals; buds very long and pointed. The color is a delicate rose-pink, shading through blush-pink to white. A very good bedding rose for growing in the open ground.

### Hardy Ever-Blooming Rose, **W. R. SMITH**

The hardiest monthly-blooming rose in existence. The big canes sometimes reach  $\frac{3}{8}$  inch in diameter on the two-year-old bushes, and throw out long, pointed buds, which when open reveal a beautiful white rose suffused with blush-pink. They last for days on the bushes. We have never seen this rose affected by any of the many rose diseases, and it withstands both extreme heat and cold.

### Hardy Ever-Blooming Rose, **MAD. CAROLINE TESTOUT**

Since 1890, when this rose was first introduced, it has proved to be the best blooming pink rose for bedding purposes. We have handled this rose since its introduction, and can candidly say that we have never seen its equal as an outdoor bloomer.

### Hardy Ever-Blooming Rose, **WHITE MAMAN COCHET**

A pure white, hardy, ever-blooming rose that has been so long desired has been obtained in this grand variety. It has all the important qualities of a perfect garden rose, substance, size, fragrance, hardiness, vigor and profusion of bloom, rivaling the best of the monthly ever-blooming roses. The buds are long and pointed, an ideal shape for a rose, and keeping a long time when cut.

#### PRICE:

Collection of eight hardy ever-blooming roses for \$1.00, by parcel post. 1-year-old plants, the set of 8 varieties for \$1.50. 2-year-old plants, the set of 8 varieties for \$3.00. By express only—too large to go by mail.

Clinton, Mo. 3/24.

My roses were delivered yesterday afternoon in a fine condition. Was very much pleased. Will send for three or four more in a few weeks. Augusta Michael.



## TWO CHOICE HYBRID PERPETUAL ROSES

This class of roses when once planted into the ground live from year to year without any care or protection in winter. They flower profusely in June with an occasional flower in the summer and fall months.

### GEN. JACQUEMINOT

The most popular bardy crimson rose ever introduced. It is a strong, vigorous grower, entirely hardy; an early and abundant bloomer. Its brilliant crimson is the standard of color by which other roses are judged; flowers full and fragrant; popularly called the "Jack rose."

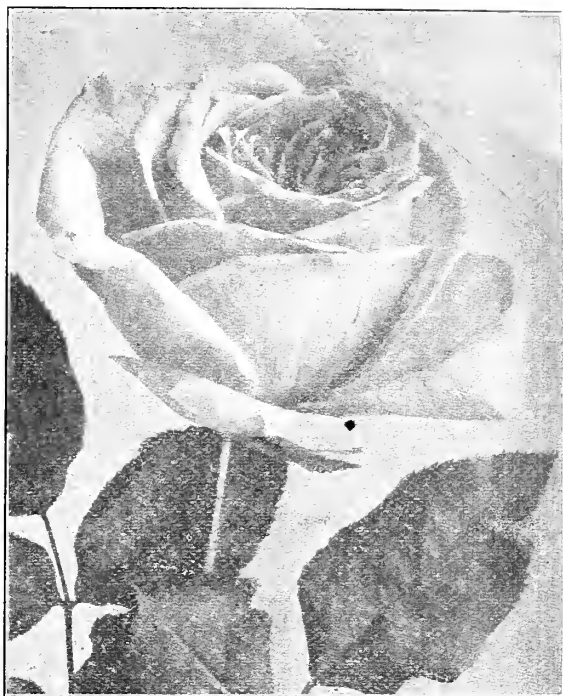
### PAUL NEYRON

Probably the largest of all roses; color, clear dark pink, shaded carmine. This fine variety cannot be too highly praised. For freedom of bloom it is unsurpassed in its class, being nearly equal to the Monthly Roses in that respect. This delightful variety should be planted everywhere. (See cut.)

Price, strong plants, 25c each, 6 for \$1.00, by parcel post.

### MRS. CHARLES RUSSELL

This fine bedding sort, being a prolific bloomer is the nearest approach to the American Beauty which has been seen in years, and some of the leading rose-growers predict that it will eventually succeed the American Beauty as Queen of all roses. A delightful shade of cerise which does not fade to a blue but turns to a lighter shade as the flower ages. Price: strong 1-year-old plants 20c each, 3 for 50c, by mail, postpaid; 2-year-old 40c each, 3 for \$1.00, by express only.



Rose—Paul Neyron



Rose—Kate Moulton

## Hardy Everblooming Hybrid Tea Roses

A class which is rapidly becoming conspicuous. The result of crossing Hybrid Perpetuals with the Tea Scented varieties, and being perpetual bloomers all summer, bid fair in a few years to outrival all other sections, possessing as they do a good deal of Tea Blood, give us the most beautiful shades of color. Good long stems, pointed buds and very fragrant flowers which make them amongst the best for cut flowers and table decoration. They are hardy and free growers, producing quantities of bloom from the beginning of the season until late in fall.

**CAROLINE TESTOUT.** Valuable for summer blooming; flowers full, very large, globular form, color clear satin rose, very vivid, petals bordered with tender rose, very fragrant. Vigorous grower, branches strong and straight.

### OPHELIA

**OPHELIA.** It is a difficult task to accurately describe this rose, although the description, "a brilliant salmon-flesh shading to rose" about hits it. Being hardy with slight protection and possessing flowers that are fragrant and faultless in form of bud or flower, with erect habits and free-flowering, we are sure that it is a rose that will make many friends amongst our customers.

### HADLEY

**HADLEY.** The banner rose of the 1915 season. Excelled in fragrance only by the American Beauty. It is surely a pretty one and ranks among the best of the red roses. Flowers are full, double and well formed, borne on erect stems. Free-flowering.

**HELEN GOULD.** A vigorous grower, with long beautiful buds of rosy crimson. Hardy and an incessant bloomer.

**PINK MAMAN COCHET.** The Queen of all Pink Garden Roses. Such beauty and exquisite form as is possessed by this variety is well nigh marvelous. The buds are beautiful, large, full and firm and elegantly pointed.

**KATE MOULTON.** For beauty of bud and flowers and exquisite fragrance, it is not surpassed by any rose we know of, while for continuous bloom and vigorous healthy growth when planted in the open ground, it even surpasses a geranium.

Price, strong plants 20c each; the 6 varieties for \$1.00, by parcel post. Extra large 2-year-old plants 50c each, the 6 varieties for \$2.50, by express only—too large to mail.

The plants that you so kindly sent came in fine condition and I thank you very, very much for your promptness and willingness to correct a mistake. I knew that a mistake made by your firm would be made right. The ladies that were included in the order were so very much pleased with the new plants and we are all for Young's. I am making up another order which I will send to you in a few days. Thanking you again, yours truly, Mrs. E. C. Bloudford, Batesville, Ark., May 6, 1915.



# YOUNG'S SELECTION OF HARDY CLIMBING ROSES



Rose—"Climbing American Beauty"

## Crimson Rambler Rose

One of the most popular climbing roses ever introduced. It is of rapid growth; attains a height of fifteen feet in a season. Flowers deep crimson-maroon borne in trusses, nine inches from base to tip and seven inches across. Price, 2-year-old, 50c each. Strong plants, from 3 inch pots, 15c each, 2 for 25c.

## Climbing American Beauty

A new rose of wonderful beauty and merit. A cross between the American Beauty and an unnamed seedling. Color rosy, crimson, identical with its pollen parent, the American Beauty, and with the same exquisite fragrance, a quality rarely found in climbing roses. Of strong habit of growth, making shoots of from ten to fifteen feet in one season, hardy as an oak. Will thrive and bloom in almost any situation where a climbing or pillar rose is desired. Flowers three to four inches in diameter, finely formed on long stems, are produced in great profusion. The foliage is large, deep green and entirely free from black spot or mildew. One of the first roses to bloom in the spring, comes into flower with us in the latter part of May and the first week in June, and continues in full flower for a month or more, with occasional bloom during the growing season; the plant with us having buds and flowers until nipped by frost in November. Price, 2-year-old plants, 75c each, 3 for \$2.00. 1-year-old, 50c each, 3 for \$1.25. 3rd size from 3-inch pots, 25c each, 3 for 60c.

## Climbing Gruss An Teplitz

A climbing form of Gruss an Teplitz. Unquestionably one of the finest climbing roses ever introduced. The color when first opening is very dark rich crimson quickly changing to bright scarlet, shading to velvety fiery red. The flowers are very showy and handsome. Remarkably healthy and vigorous; almost immune from all diseases. Price, 2-year-old plants, 50c each, from 3-inch pots, 25c each, 3 for 60c.

### FIERY-RED RAMBLER ROSE

## Excelsa

A splendid new climbing rose, remarkable in many ways but particularly in the brilliant fiery-red, or intense crimson-scarlet of the flowers. The intensely brilliant color is accentuated by the great masses of giant trusses produced on the plants, and furthermore by the contrast with the deep green, glossy foliage. The flowers are very double; they are larger than any of the rambler roses and borne in trusses of thirty to forty on each; the body of the flower is brilliant in color but towards the edge of the petals they light up with a wonderful scarlet-crimson. Price, 2-year-old plants, 75c each, 3 for \$2.00. Strong one-year-old plants, 25c each, 5 for \$1.00.

### A GRAND HARDY CLIMBING ROSE

## Tausendschon or "Thousand Beauties"

A climbing rose that comes to us from Germany. The flowers upon first opening are the most delicate shade of pink ever seen in a rose, might be described as a white, delicate flushed pink, changing to rosy-carmine. It gets its name from its many flowers and the variation in coloring; beautiful; will become as famous as Crimson Rambler or Dorothy Perkins. Price, 1st size, 2-year-old, 50c each. 2nd size, 1-year-old, 25c each. From 3-inch pots, 15c each.

### EVER-BLOOMING CRIMSON RAMBLER

## Flower of Fairfield

This variety is identical with Crimson Rambler; but has the additional value of producing more than one crop of flowers, many of the new shoots under normal conditions producing blooms. Price, 2-year-old plants, 50c each, 3 for \$1.25. 2nd size, from 3-inch pots, 15c each, 2 for 25c.

### PINK HARDY CLIMBING ROSE

## Dorothy Perkins

A hardy climbing rose of American origin which has become a standard sort. The color is beautiful clear shell-pink; it blooms in trusses of from ten to thirty, each floret considerably over 1 inch in diameter, the stem to the truss being quite long, thus making them available for cutting and interior decoration. The flowers are fragrant and last a long time in good condition. Healthy, hardy and handsome. Price, 2-year-old plants, 50c each, 3 for \$1.25. 2nd size, 25c each. 3rd size, from 3-inch pots, 15c each, 2 for 25c.

## Shower of Gold

A seedling of Rosa Wichuraiana. Very vigorous in growth; densely covered with beautiful, glossy foliage. This variety produces masses of flowers in large clusters. The color is a deep, golden yellow with orange shadings in the center. It is a very promising sort, and fills the "long felt want" for a "Yellow" Rambler. Price, strong plants from 3-inch pots, 20c each, 3 for 50c.

I wish to thank you for the fine rose plants sent, also the extra plants. They did not stop growing they were so strong. Thanking you again, I am sincerely, Mrs. Jno. P. Waldo, 808 Grant St., Danville, Ill., May 3, 1915.





Baby Rambler Rose

## The Hardy Single White Memorial Rose

(ROSA WICHURAIANA)

**WICHURAIANA, or MEMORIAL ROSE.** It is difficult to conceive anything more appropriate, beautiful and enduring for covering graves and plots in cemeteries than the Hardy Memorial Rose. It creeps along the ground as closely as an ivy. The flowers are produced in lavish profusion in July. They are single, pure white, with a golden yellow disc, five to six inches in circumference. It is also immensely valuable as a climbing rose, covering arches, fences, etc.

Price 2-year-old plants, 40c each, 3 for \$1.00; strong plants from 3-inch pots, 20c each, 3 for 50c.

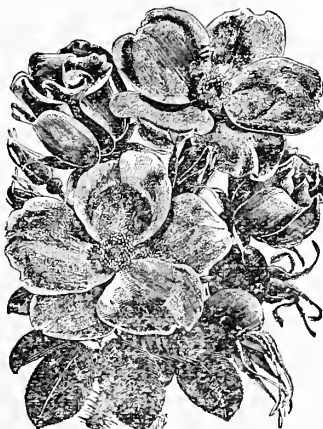
## Hybrid Rugosa Roses

**BLANCHE DOUBLE DE COUBERT.** A fine, double, sweet and pure white-flowering variety producing clusters of from five to ten flowers. It is a vigorous, rampant grower, very free-blooming—almost perpetual. Flowers measure nearly 5 inches across and are remarkably lasting.

**RUGOSA ALBA.** Crowded with clusters of single, pure white flowers; foliage dark green and glossy.

**RUGOSA RUBRA.** Identical with the above, except that the color is a beautiful red.

Your choice of the above Hybrid Rugosa Rose, two-year-old plants, 35c each. The set of 3 varieties for \$1.00, by express only, too large to go by mail.



Rosa Rugosa

## Baby Rambler Roses

THEY ARE HARDY

A class of miniature roses derived from the Climbing Polyantha. They are of dwarf habit and bloom so freely as to cover the entire plant with bloom all through summer and fall. The plants are splendid for bedding, or as edgings for borders they are hardy. Let us tell you something about these miniature roses. While Europe has appreciated these roses for years, America is just beginning to wake up to the fact that they have come to stay, and any one who attempts to handle roses without including this class will bump into something real hard. They are useful either pot grown or for bedding purposes or for hedge effects. Completely hide the plant with bloom from early till late.

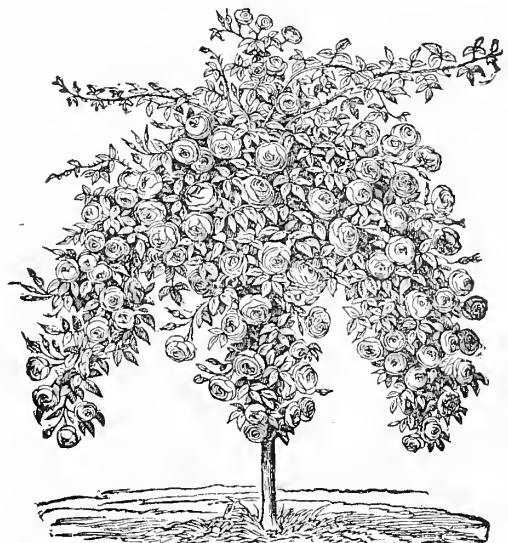
**ANNA MULLER.** This rose is very much the same as the Crimson Baby Rambler, except in the color of its flowers, which are a shiny, brilliant pink produced in the greatest profusion in large clusters. It is a splendid companion to the other excellent members of this family. This is the original pink Baby Rambler.

**BABY RAMBLER, or MADAME N. LEVAVASSEUR.** This is the original Baby Rambler, daddy of them all. It is in bloom all the time, flowers in large clusters of brightest crimson. It grows to a height of eighteen inches and hides the plant with its bloom. A most wonderful rose.

**CATHERINE ZEIMET, or WHITE BABY RAMBLER.** This is surely a beauty and a great addition to the Baby Ramblers. Grows to a height of twenty inches and produces double pure white flowers in abundance. It has a fragrance similar to Hyacinths, of free, compact growth and very attractive. It produces a sheet of white bloom that is certainly a sight worth seeing.

**NOTE.** The above three roses "Anna Muller," "Baby Rambler" and "Catherine Zeimet" are the original pink, red and white Baby Ramblers in the order named. They are hard to beat.

**PRICE:** 1st size, large 2-year-old, 50c each, 3 for \$1.25; strong plants, from 3-inch pots, 15c each, 3 for 40c.



Tree Rose

## Baby Rambler Tree Rose

A most attractive novelty in hardy roses. Budded on strong straight stems 4 feet high. The round, bushy Baby Rambler; tops at all times a perfect mass of crimson bloom; the most florescent and striking of all the Tree Roses. \$1.50 each, by express.

## Tree Roses

The Tree Roses are grafted on hardy rose stalks, 4 to 5 feet high; are tree shaped, and when in full bloom are objects of beauty, making handsome plants for the lawn or rose border. In this shape we offer only the Hybrid Perpetual or hardy class. We have them in white, the different shades of pink, red and crimson. Fine, strong trees that will bloom nicely the first year, \$1.00 each. These can only be sent by express.

Received Gruss an Teplitz Climbing Rose plant in fine condition. Thanks for extra plant, both are growing nicely. Respectfully, Mrs. H. W. trickland, Shreveport, La., June 30, 1915.





## ABUTILONS

(OR FLOWERING MAPLE)

**"SAVITZI."** This unique variety is well shown in our illustration, which gives an idea of its remarkable appearance. It is the most striking decorative foliage plant in our collection, being equally as valuable as Palms, Crotons or Dracaenas. It withstands the hottest sun splendidly, and also thrives in shady situation. (See cut.) Each, 10c.

**ECLIPSE.** This is really one of the best of all pot plants. It is always in bloom. Color, light orange, bell shaped. For hanging baskets, pots or vases, it is superb, and very attractive as a window or bedding plant in the garden. Each, 10c.

**BOULE DE NEIGE.** Fine, pure white, free bloomer. Each, 10c.

The 3 varieties for 25c.

## ALYSSUM, DOUBLE WHITE

The trusses are enormous, measuring at times one inch in diameter and five inches long. The flowers are perfectly double and of delightful fragrance. Price, 10c each, 75c per dozen.



## ASPARAGUS PLUMOSUS

**"LACE FERN."** A pretty variety introduced from South America. It is a plant for all places and all purposes. It is a magnificent decorative pot plant. Its bright green, beautifully arched, extremely fine and delicate plume-like foliage calls forth words of praise and admiration from all who see it.

## ASPARAGUS SPRENGERII

**"EMERALD FEATHER."** A most desirable new species, especially useful to grow as a pot plant for decorative purposes, or for planting in suspended baskets. The fronds are frequently four feet long and of the most graceful drooping habit. Fine for cutting, for bouquets, etc., retaining its freshness a long time after being cut.

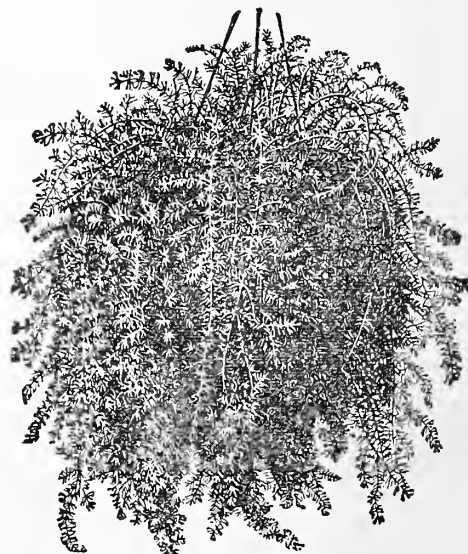
Price, 10c; \$1.00 per dozen. Large plants by express, 25c each; \$2.50 per dozen.

## DWARF ANTIRRHINUMS

These plants are excellent for bedding purposes; the flowers are extra large while the plant seldom grows over 6 inches high. Price, 10c each; 75c per dozen.



Climbing Lace Fern  
(Asparagus Plumosus Nanus)



Emerald Feather Fern

## AGERATUM

**STELLA GURNEY.** The best dwarf, dark blue variety. Unsurpassed for borders, also valuable as a pot plant. Very fine. Price, 10c each; 75c per dozen.

## ALTERNANTHERAS

Dainty, fine-leaved plants, which can be trimmed to keep them low and compact. Excellent for bordering or for use in a design of letters. Green and red varieties. Price, 50c per dozen.

I purchased a 15c pkt. of Sweet Pea seed from you, (mixed.) Put seed in ground 13 of March. They are the most glorious sight, and bloom by the thousand. Also my Zinnias purchased from you. I have 26 distinct colors, and all are not open. Japanese Morning Glory, Moon flowers and all are beautiful. One Chrysanthemum in bud. Respectfully, Mrs. Hugo Monnig, Rhineland, Mo., July 5, 1915.



### ARAUCARIA EXCELSA NORFOLK ISLAND PINE

Sometimes called the "Christmas Tree Palm" and "Star Palm." It has deep green, feathery foliage arranged in whorls, rising one above the other at regular distances. It is easily grown in the house and is highly ornamental. (See cut.) Extra fine plants, 24 to 28 inches high, \$1.50 each; 12 to 15 inches high, \$1.00 each.

### TUBEROUS BEGONIAS, ALL SELECTED BULBS

These are now among the most popular plants for beds of summer flowers. Nothing can exceed the brilliancy and richness of their flowers. From the time the first blossoms appear until all growth is stopped by frost they are never out of bloom. (See cut.)

#### SINGLE TUBEROUS BEGONIAS

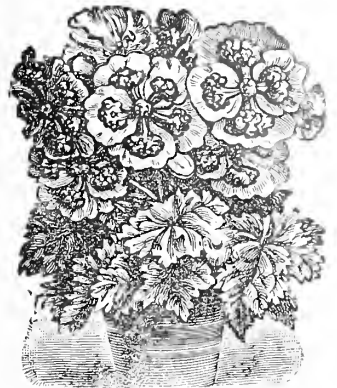
Separate colors, scarlet, yellow, crimson, white, pink, and salmon. Price, dry hulhs, up to May 15th, 10c each; set of six for 50c; \$6.00 per 100. Growing plants ready May 1st, 20c each; set of six for \$1.00.

#### DOUBLE TUBEROUS BEGONIAS

Separate colors, scarlet, crimson, white, yellow, pink and salmon. (See cut.) Price, 20c each; set of six sorts for \$1.00 for dry hulhs, up to May 15th. Growing plants, ready May 1st, 30c each; set of six for \$1.50.



Norfolk Island Pine



Begonia—Double Tuberosa Rooted



Begonia—Rubra

### TWO CHOICE FLOWERING BEGONIAS

#### PRESIDENT CARNOT.

A remarkably strong, growing variety of stiff, upright habit; foliage very large, somewhat in style of Begonia Ruhra, but more than twice as large; upper side deep green, under side purplish red, flowers beautiful coral red in large pendant panicles. 20c each.

**RUBRA.** This Begonia is a favorite with every one, its dark, glossy green leaves, combined with its free-flowering habit, make it one of the best plants for house or conservatory decoration. The flowers are a rich coral red in large pendant panicles. One of the best, 20c each. The two varieties, 35c.

**New Trailing Begonia, MARJORIE DAW.** This Begonia is distinct from all other Begonias, for instead of growing upright it droops. It bears great clusters of large, shining pink flowers that droop from long stems, making a beautiful sight. For single specimen pot plants or for baskets and vases "Marjorie Daw" is proving one of the best plant introductions in years. Price, 20c each, 3 for 50c.



Begonia—Pres. Carnot

### NEW BEGONIA CHATELAIN

A wonderfully free-growing Begonia of sterling worth and great beauty. The plant is very compact in growth, forming a dense, well-proportioned bush with rich green foliage. The flower is rosy-flesh color, shaded with silvery-pink. One of the most wonderful flowering Begonias within our knowledge. Blooms continually. Price 15c each, 2 for 25c.

### NEW DWARF VERNON BEGONIAS

**CRIMSON.** Extra-good bloomer, with odd foliage; flowers beautiful crimson.

**PINK.** Free bloomer; flowers delicate pink.

**WHITE.** Beautiful foliage; a free bloomer and very dwarf.

Your choice, 15c each, 40c for 3, postpaid.

Just a few lines to your company to let you know that the nasturtium seed which I ordered from the company in the spring have turned out well, and I have a fine bed of nasturtiums of all colors. Very respectfully, Mrs. S. L. Newman, Ironton, Missouri, June 19th, 1915.



New Begonia—Chatelaine



Vernon Begonias





Rex Begonia

## REX or PAINTED LEAF BEGONIAS

These are unquestionably the most showy and gorgeous Begonias grown. The colorings, blendings and metallic lustre contained in them are bewildering and render description inadequate while the size and form of the leaves are of greatest variety. Price, 20c each, 3 for 50c.

## ALOYSIA CITRIODORA

LEMON VERBENA. A favorite garden plant, with delightfully fragrant foliage; fine for bouquets. 10c each.

## The New Godfrey Calla Lily

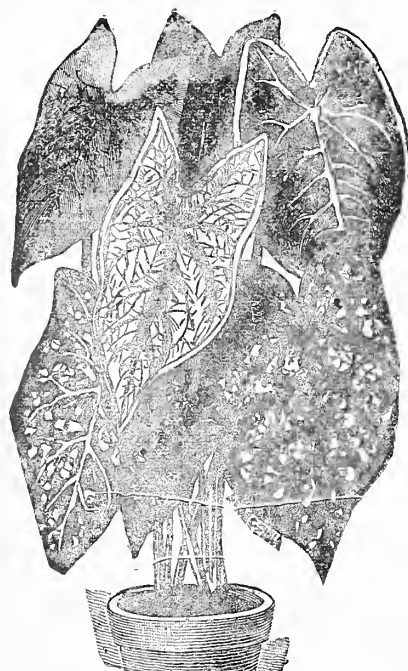
Undoubtedly the finest thing ever sent out in the Calla line, and quite indispensable. Blooms all winter. Compared with the ordinary Calla, it gives three blooms to one; is snow-white and perfect in form. Blooms on very small plants, though it attains to a very large size with very large flowers. The new Godfrey Calla is a wonder. Strong plants in bud or bloom, 25c each.



Godfrey's Dwarf Calla

## CIGAR PLANT

Owing to the similarity of the shape of the bloom of this plant to that of a cigar, it has been christened the "Cigar Plant." The flowers are tubular in shape, scarlet in color and are tipped with an ashy purple. 10c each, \$1.00 per dozen, postpaid.



Caladium—Fancy Leaved

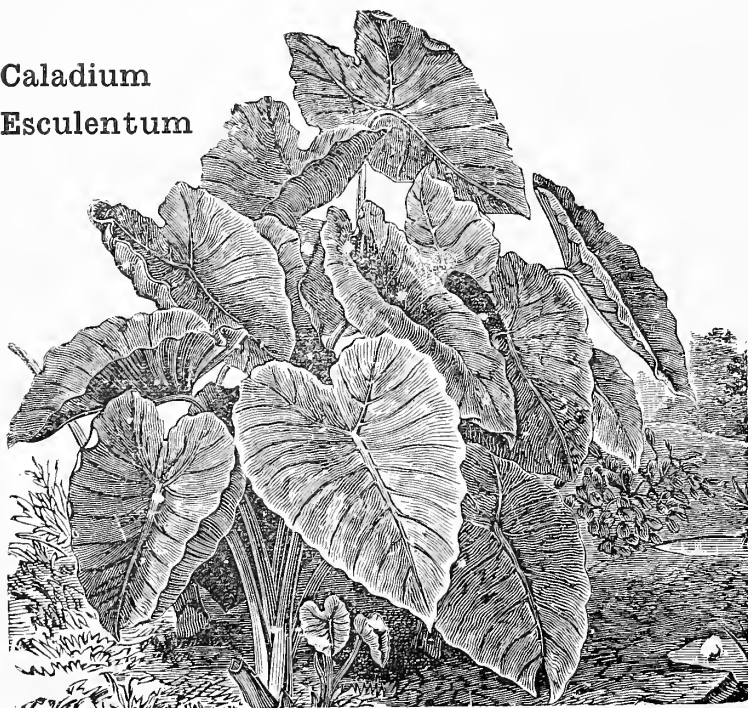
## CALADIUM

**FANCY FOLIAGED.** The fancy-foliaged varieties are very satisfactory for summer decoration. Leaves striped, blotched, and spotted with white, crimson and pink; in fact, the variety of color is something wonderful. In the fall they die down, and the bulbs should be kept in the pots in a warm place. (See cut.) Price, growing plants, 20c each, 3 for 50c.

## NEW COLEUS, "FOREST PARK BEAUTY"

The foliage of this most beautiful Coleus is simply indescribable. The leaves, when fully developed, are ten inches long by eight inches in width. The prevailing color is crimson, interlaced with green, carmine, yellow, chocolate, etc. It is, without doubt, the most strikingly handsome of all foliage plants. Price, 10c each, \$1.00 per dozen.

## Caladium Esculentum



Caladium Esculentum

## COLEUS

A very useful foliage plant, growing vigorously out of doors the entire summer. No other foliage plant can for a moment bear comparison with them, so vivid are the colors. The leaves are striped and spotted in all shades of color, from dark maroon to a bright yellow. Price, 5c each; 50c per dozen; \$4.00 per 100.

## Cyclamen, Giant Flowered

Charming plants with beautiful foliage and rich colored fragrant flowers. Considered by many to be the finest Winter flowering plant we have. Easily grown, are very free-bloomers, remain long time in flower, and bloom on long stems well above the foliage. The leaves are handsomely marked and variegated and are in themselves very ornamental. Price, 25c each.

## Young's Caladiums

**ESCULENTUM.** Very effective and suitable for a single plant on the lawn. The leaves often attain the length of three feet by twenty inches wide, and have a rich tropical effect.

When extra large leaves are wanted, give a liberal supply of water and fertilize heavy. (See cut.)

Extra size hulbs, 11 to 12 inches in circumference, \$1.00 each.

First size hulbs, 9 to 10 inches in circumference, 40c each, \$3.50 per dozen.

Second size hulbs, 7 to 8 inches in circumference, 25c each, \$2.00 per dozen.

Third size, 5 to 6 inches in circumference, 15c each, \$1.00 per dozen.





Monthly Carnations

## FINE PERPETUAL-BLOOMING CARNATIONS

Next to roses, pinks rank the highest in our estimation, but are supposed by many that they cannot be grown and bloomed successfully outside of a green-house, when with proper treatment, which is simple enough, they may be freely bloomed out-doors during the months of August, September and October. Young plants should be procured and planted early in spring as possible—just as soon as the ground is in condition to work. The soil should be quite rich, well manured with thoroughly rotted manure.

To have a beautiful bed of pinks in the fall, the plants should be planted about ten inches apart each way; as the plants grow they should be "stopped," that is, when the shoots of growth become six inches long they should have the points pinched out. This operation should be continued up until the 1st of July, when it must be discontinued if flowers are wished in August.

**BEACON.** A pretty scarlet shade, of strong growth and blooming freely. Proved very popular last year.

**DOROTHY GORDON.** One of the new Carnations. A deep cerise-pink, approaching a brilliant carmine; does not fade easily, and lasts well.

**PINK ENCHANTRESS.** The well-known variety so much in demand. Has a pretty ringed edge and is of immense size. Color very light pink.

**WHITE ENCHANTRESS.** Same form and growth as Pink Enchantress, but the color is a pure white. A profuse bloomer.

**WHITE PERFECTION.** One of the largest varieties in cultivation. The flowers are immense, and they are borne in great profusion. Try this, you can't go wrong.

**WASHINGTON.** The massive flowers are loosely formed and furnish a striking appearance. Looks like a miniature chrysanthemum.

15c each, the 6 for 50c, postpaid.



Cyperus Alternifolius

## Crotons

The Crotons are among the finest decorative foliage plants known. As easy to grow as Coleus, and much brighter in their colorings. The leaves of all are more or less veined and margined, sometimes entirely variegated with shades of yellow, orange and crimson. Some have long, narrow leaves, arching gracefully fountain fashion; others are broad and short, oak-leaved. Crotons love heat, sunshine and moisture. Price, 25c and 50c each, according to size.

## Cyperus

(UMBRELLA PLANT)

**ALTERNIFOLIA (Umbrella Plant.)** A splendid house plant. Can be grown in bowl, dish or vase, half filled with rich soil, then with water. Requires little attention, and remains evergreen throughout the year. 15c each, 50c for 4; larger size, 20c each, postpaid.

## Cobæa Scandens

(CUPS AND SAUCERS VINE)

A beautiful climber, of rapid growth, large purple cup-and-saucer-shaped flowers. For covering arbors, trellises, etc., it is unsurpassed. 15c each, \$1.50 per dozen.



Croton

## The Great Panama Lily

A GRAND SENSATIONAL NOVELTY

A grand summer-flowering bulb, producing with great freedom large amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and, after a few week's rest, potted and flowered in the house in winter, or kept over for planting out another season.

Those who are familiar with the Panama Lily can not say enough in praise of its beauty and purity. The flowers are of very large size, like an Amaryllis, novel form and of snowy whiteness, and are also exceedingly fragrant. It is really one of the most lovely of all the great Amaryllis tribe, having a peculiar grandeur which one can appreciate at sight but cannot describe. Bulbs are large and strong, and begin to flower in two or three weeks after planting, sending up tall flower stems, which bear several of its magnificent blossoms. As a pot plant it is grand, and as a garden bulb, treated like a Gladiolus, it is one of the choicest of all flowers. Do not fail to try it. (See cut.) Price 15c each, 2 for 25c, \$1.25 per dozen, postpaid.

Gentlemen: I want to express my appreciation of your prompt service and beautiful selection of plants you sent to me recently. The plants were in the best condition of any that have been shipped to me, and I have sent for many at different times. Also your kindness in sending the extra plant, a perfect beauty, calls forth my admiration and sincere thanks. Mrs. Bewick, 1517 Rosemary Lane, Columbia, Mo., Nov. 26th, 1914.



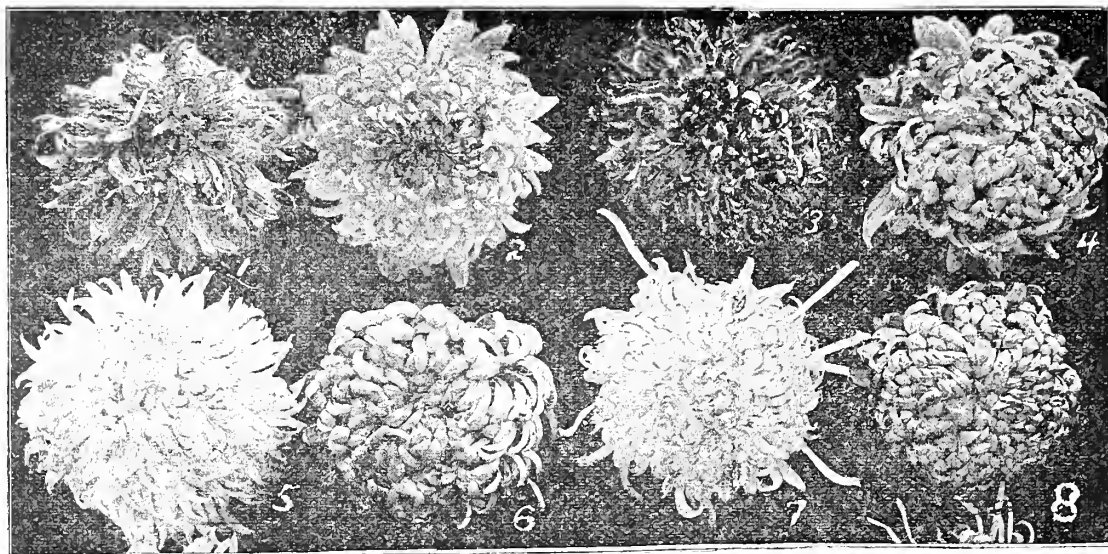
Panama Lily



PLANT NOW, WIN  
PRIZES IN THE FALL

# CHRYSANTHEMUMS

NO TROUBLE TO HAVE  
LARGE FLOWERS



8 Beauties—For Description See Varieties Numbered Below.

## Early Flowering Prize-Winners

- CHRYSOLOREA.** A good yellow to grow for the County Fairs. An immense yellow.
- COMOLETA.** Clear, bright yellow. Very desirable; foliage good.
- GOLDEN GLOW, No. 8.** One of those big Japanese incurved. A beautiful lemon yellow.
- L'AFRICAIN.** See illustration lower corner. A wonderful combination of bronze and gold.
- MARION NEWELL.** A true pink reflexed variety.
- MRS. HY. ROBINSON, No. 5.** Note the immense size of this beautiful white.
- OCTOBER FROST.** One of the earliest whites. Good solid blooms.
- PACIFIC SUPREME, No. 3.** An early and immense pink; erect stems.
- UNAKA.** A sure winner if grown correctly. Lavender pink in color with large blooms.

10c each, \$1.00 per dozen.

## Late Flowering Exhibition Type

- COL. D. APPLETON, No. 6.** Very popular, with its enormous golden-yellow flowers.
- GOLDEN CHADWICK.** A splendid all-round, incurved yellow. See No. 4.
- GOLDEN WEDDING.** 5 inches across; a straggling Jap. type.
- JEANNE NONIN, No. 7.** Blooms at Thanksgiving. An incurved white.
- LYNNWOOD HALL.** Another late white. Especially good.
- McNIEL, No. 1.** Dwarf rose-pink, with straggling flowers.
- MISS ALICE BYRON.** A magnificent white that generally wins first prize.
- PATTY.** One of the new pinks. A delicate Enchantress shade. Incurved.
- TIMOTHY EATON, No. 2.** Handsome creamy-white; well-formed flowers on long stems.
- WHITE CHADWICK.** See illustration lower corner. A beautiful white variety that always gives satisfaction.

10c each, \$1.00 per dozen

## Single Varieties

- LADYSMITH.** A dwarf lavender.
- LAGRAVERE.** Magenta, daisy-like flowers.
- KITTY BOURNE.** Yellow; prolific.
- MARY RICHARDSON.** Gold tinged with salmon.
- SYLVIA SLADE.** A novelty red.
- MENSA.** The largest white.
- GOLDEN MENSA.** An immense yellow.

10c each, \$1.00 per dozen.

## Pompons or Button Varieties

- ACTO.** Light-rose color.
- BABY.** The tiniest yellow.
- BABY MARGARET.** Pure white.
- BLACK DOUGLAS.** Free-blooming red.
- KLONDIKE.** A very good yellow.
- REV. HOFFMAN.** New bronze variety.

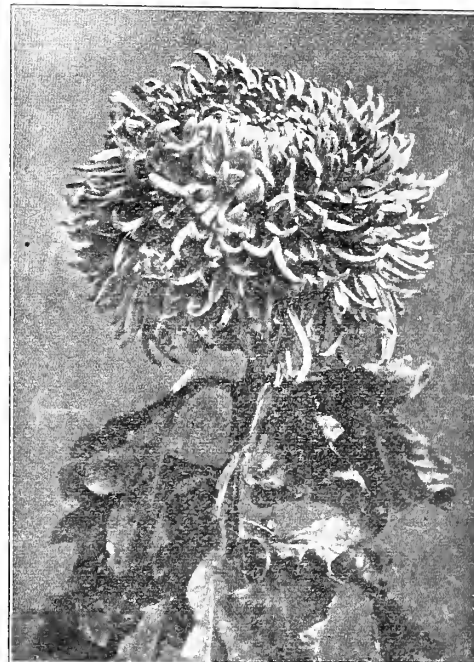
10c each, \$1.00 per dozen.

## Unlabeled Varieties

12 for 50c, postpaid. Our selection.



White Chadwick



Chrysanthemum—L'Africain



# YOUNG'S SUPERB CANNAS

THE CANNA IS ONE OF THE MOST BEAUTIFUL OF ALL BEDDING PLANTS

Cannas are very generally used throughout the country as bedding plants, where large beds are planted or bold, sub-tropical effects are required. There are no plants which adapt themselves so well to our varied climate and with the introduction of many new forms of flower and foliage, we have today in the Canna probably the most satisfactory bedding plant grown. From a 3-inch pot plant set out after danger of frost is past we can get a six-foot plant by Fall, with quantities of brilliant flowers. Then, when the frost has killed the tops, cut them off and dig the roots. Do not shake the soil off, but put the roots in a box with what soil that sticks to them and store in a cool frost-proof place until Spring, when, if you have a place for it you can start the roots into growth, or about the middle of May set the roots out in the open ground. The roots will stand dividing and each new shoot

will make a good, large plant, if you want to increase your stock.

We make a specialty of Cannas at our Nurseries, and the fields are much admired. No other plant is finer adapted to this country, and nothing which costs so little excels them for masses and beautiful foliage, as well as the abundance of dazzling bloom in many shades.

Plant outdoors about the middle of May, if the weather is warm and settled, two feet apart. We send out plants only as we find they give better satisfaction than the dormant roots. We send free on application leaflet on the cultivation and care of Cannas.

At the single and dozen prices we forward Cannas postpaid. If you need large quantities of Cannas, ask for special quotations.



Canna—Firebird

## NEW CANNA FIREBIRD

The best red-flowered green-leaved Canna  
SAID TO BE EVEN BETTER THAN KING HUMBERT  
BUT WITH GREEN FOLIAGE

Claimed by many to be the very best red-flowered, green-leaved Canna today. The flowers are borne in immense trusses, on tall stalks well above the leaves. They are of splendid form, round and shapely. The petals measure 2½ inches and over across, and the color is a clear glistening scarlet without any streaks, spots or blotches. We have tested many varieties during the past 30 years and have never seen one that surpassed it. Each 50c.

### KING HUMBERT

This is certainly the King of all bronze-leaved Cannas. It produces giant flowers of a brilliant orange-scarlet and these combined with its beautiful bronze foliage have made this variety the sensation of the past few years. It is a hybrid of the orchid-flowering and French or Crozy type, and has all the merits of both. Either as specimen plants or in beds this beautiful variety shows its superiority over all other kinds, and we hope all our customers will order some plants of King Humbert, knowing that in so doing they will be getting the best bronze-leaved variety on the market today. Each, 20c; doz., \$2.00.

### SEEDLING CANNAS

We have some exceptionally good mixed seedling Cannas for those who want to plant a mixed bed. 10c each, \$1.00 per dozen.

## Young's Best Bedding Cannas

The choicest from sixty best kinds, revised to December, 1915. These are all of the large and free flowering Crozy type, and embrace the entire range of color known to this remarkable class of plants.

**Our Canna Prices** for single plants, from 2½-inch pots, 3 of a kind and dozen lots include postage (if wanted sent in that manner), larger lots and plants from 3, 4 and 5-inch pots are sent by express at buyer's expense.

### BLACK PRINCE

Green-leaved, tall-growing sort with showy crimson scarlet flowers, overlaid with maroon.

### MADAME CROZY

Bright scarlet, gold border to each petal. Foliage green. A well known and popular variety. 3½ feet.

### QUEEN CHARLOTTE

Rich crimson-scarlet with wide gold border on every petal; a profuse bloomer; broad green leaves. 3½ feet.

### SOUVENIR D'ANTOINE CROZY

Large full spikes; rich crimson flowers, bordered with golden yellow. 3 to 4 feet.

### BUTTERCUP

Bright buttercup yellow; large flowers in fine trusses. Handsomely formed, always clear and bright. 3 feet.

### FLORENCE VAUGHAN

Large yellow flowers, dotted with bright red. Very bright green leaves. 4 feet.

### VENUS

Vigorous growing sort with erect stems and magnificent trusses of large size and perfect form. Petals are oval. Exquisitely colored and variegated; warm rose pink, mottled center with creamy white edges. A superb variety.

### EXPRESS

Flowers are bright scarlet, with broad petals and conical truss; blooms freely until frost. A splendid variety. 3 feet.

### MONT BLANC

Almost pure white; foliage large, handsome, green. Blooms on strong stems well above the foliage. 3½ feet.

### ALPHONSE BOUVIER

Standard crimson; large, bright. 6 feet.

### BEAUTE POITEVINE

Ideal bedding Canna; always in good condition in all kinds of weather; bright rich crimson, 3 feet.

### RICHARD WALLACE

A pleasing canary yellow with exceptionally large flowers, which are carried well above the foliage. One of the best yellow bedders. 4½ feet.

### PRICES: THE ABOVE CANNAS

	Each	3 for	Doz.
1st size plants from 2½ inch pots, postpaid.....	\$0.15	\$0.35	\$1.25
2nd size plants from 3-inch pots, by express.....	.15	.40	1.50
3rd size strong plants from 4-inch pots, by express; this size will be ready May 15, will commence to bloom in a short while.....	.25	.65	2.50



## YOUNG'S DAHLIAS

The Dahlia is a grand flower. It makes a more gorgeous, dazzling display than any other out-door grown flower. Immense bloom can be had from our improved varieties, which in size, beauty and style rival the finest house-grown, single-stem chrysanthemums. We have a magnificent collection of the best sorts grown. The Dahlia is of the easiest possible culture. Plant in good soil in the full sunlight, and keep the ground well worked or mulched, and you will be repaid by showers of bloom. When the frost kills the top, lift the roots and place in any cellar where they will not freeze.

**NOTE**—Unless otherwise specified, all Dahlias are supplied in strong, dormant roots, and we believe our supply this season is ample to meet all demands. However, in case the demand for certain varieties exhausts our supply of roots, we will send out strong growing plants which will give equally as good results.

**NOTE**—We fill all orders with strong, divided, dormant roots. All prices are prepaid.

### Peony Flowered Dahlias

This is the newest type of Dahlias and is remarkable for the large size of its flowers and its vigorous growth. It is fine in the garden or for cut flowers. If you want something fine, try this new type, which is just as easy to grow as any other variety.

**DUKE HENRY.** Brilliant red. Large broad petals.

**QUEEN EMMA.** A grand variety, having flowers of a peculiar shade of pink.

**QUEEN WILHELMINA.** Immense fluffy flowers; pure white.

**SOUV. FRANZ LISZT.** A dark purple maroon, veined with white. The blooms are very large and stems long.

Any of the above, 25c each, \$2.50 per dozen.

### Decorative Dahlias

This is a type which in the course of a few years will outrival the Cactus type. The massive, gigantic flowers are very loosely formed, have broad, long-pointed petals, and give in whole a striking appearance. In size they cannot be equaled, and for decorative purpose they are unexcelled.

**MRS. ROOSEVELT.** Delicate light pink. Immense double flowers of graceful form. Free-flowering.

**HENRY PATRICK.** A pure white variety, large flowers on long stems; fine for cutting.

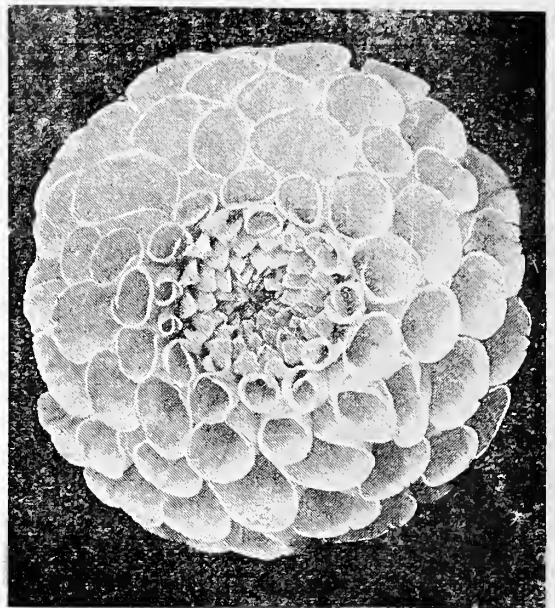
**CLIFFORD W. BURTON.** A fine bright yellow.

**BLACK BEAUTY.** A grand, dark maroon of distinct form.

**JOHN ELITCH.** Deep, rich red, a magnificent flower.

**WM. AGNEW.** Rich, dazzling, carmine-red. A grand flower.

Price, 20c each, the six varieties for \$1.00, postpaid.



Margaret Bruant

### New Cactus Dahlias

Characterized by long, narrow, pointed, tubular and twisted petals of graded lengths, giving the layered flowers a very striking and attractive appearance.

**ALPHA** (See illustration.) New and distinct. Color white, spotted and flushed pink and crimson.

**COUNTESS OF LONSDALE.** Rich salmon tinted apricot. The freest-flowering Cactus Dahlia.

**FLORADORA.** Wine-crimson, splendid shaped flowers on long, wiry stems well above the foliage.

**WINSOME.** Pure white, incurved flower of most delicate appearance.

**ROYAL SCARLET.** A bright scarlet, clear and intense; splendid form.

**STRAHLEIN KRONE.** Intense cardinal-red, rich and glowing. A very early and profuse bloomer.

Price, 20c each, the six varieties for \$1.00, postpaid.

### Pompon Dahlias

Under this head comes these small Bouquet Dahlias that are so popular for cut flowers. Their small size makes them invaluable for bouquets and their range of color is as great as any of the preceding classes.

**INDIAN CHIEF.** Deep red.

**ALLIE MOUREY.** Pinkish-white, tipped deep pink.

**LITTLE BESSIE.** Cream-white, quilled petals

**LITTLE HELEN.** White, suffused with blush; profuse and a strong grower.

**LITTLE BEAUTY.** Delicate shrimp-pink; full round form, quilled petals.

**SNOWCLAD.** Finest white Pompon to date.

Price, 15c each, the six varieties for 75c, postpaid.

### Large Flowered Double or Show Dahlias

**A. D. LIVONI.** Perfect pink with quilled petals.

**BON TON.** Rich garnet-red. Free and continuous bloomer.

**MAGNIFICENT.** Pure light yellow, lightly shaded. Dwarf and profuse

**MARGARET BRUANT.** Dwarf and free; pure white.

**QUEEN OF YELLOWS.** Perfect form, solid yellow.

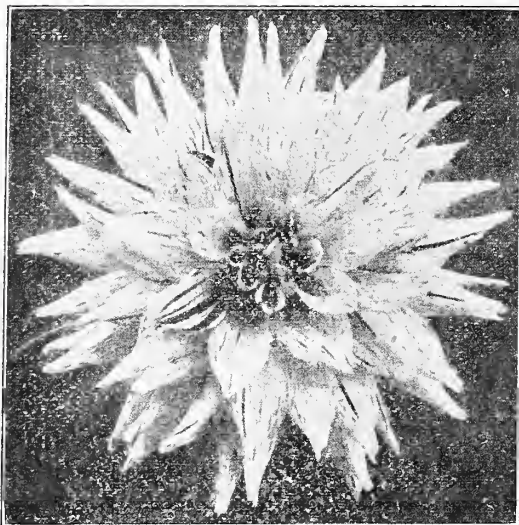
**PSYCHE.** Primrose, tinted pink.

Price, 20c each, the six for \$1.00, postpaid.

### Single Dahlias

We have a fine variety in single Dahlias. Extra fine bloomers. They are a beautiful sight when in full bloom.

Mixed varieties, 15c each, \$1.50 per dozen.



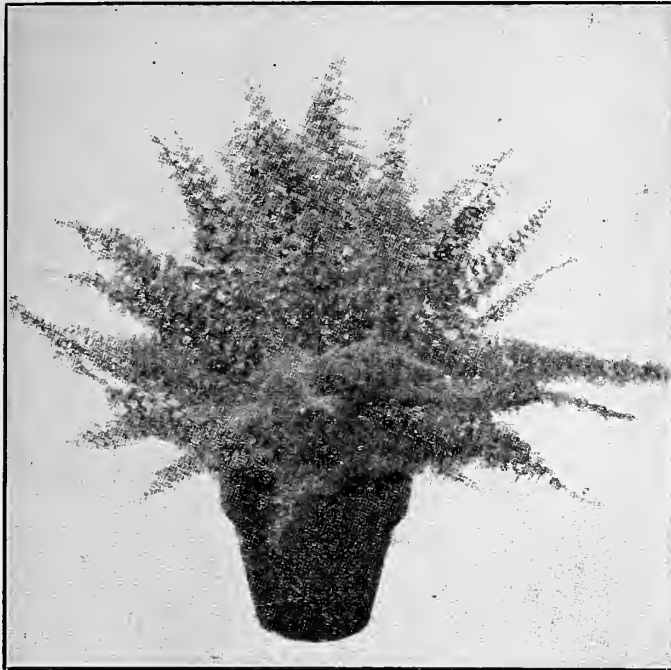
Cactus Dahlia—"Alpha"



# FERNS! FERNS! FERNS!

LARGE AND SMALL. ANY SIZE YOU WISH. JUST WRITE US YOUR WANTS.

No house is completely furnished unless it has at least one of our beautiful ferns in it. Any kind you desire. The magnificent feathery leaves of the "Whitmanii," the large handsome fronds of the "Boston" or the compact growth of the "Scottii" will add to the beauty of any room.



The Ostrich Plume Fern is Attractive



Rubber Plant

## Ficus Elastica-- India-Rubber Tree

Nothing better for table, house or veranda decoration. Its dark green, shining foliage is always handsome, and its constitution enables it to stand excessive heat and dryness without injury. Useful for house decoration in winter and for lawn and veranda in summer. Fine plants, 50c each, postpaid. Large plants, 18 inches high, \$1.00 each; 2 feet high, \$1.50 each, by express.



Zebra Plant

## Zebra Plant

A new decorative plant of great value. There is scarcely a decorative plant listed that is more striking in foliage and habit than this. Nothing short of frost or continual drenching with water has terrors for it. It will grow in a dark ball, a cool bedroom or on the mantel in a heated sitting-room. It will stand gas and dust, and will grow for incredible long periods without a drop of water, yet remain as thrifty as ever. Singularly beautiful, and easily grown. Good plants, 20c each, postpaid.

Received my plants in fine condition. Am well pleased. They were all that could be expected, and they were better than any I ever have got from other houses. The Cyclamen is a beautiful plant. Thanks for the extra one. I will order another Carnation when you have them in stock later on. Yours, Mrs. C. A. Kinney, Fayette, Mo., Dec. 13, 1914.

## Improved Ostrich Plume Fern

(Nephrolepis Whitmanii.)

The Newest and Finest Fern Yet Introduced.

A new Fern of the Ostrich Plume type, but more beautifully feathered. It is a dwarf compact grower and has two or three times as many fronds as the Ostrich Plume Fern, giving the whole plant an airy lace-like appearance. Without doubt it is the most magnificent Fern grown and possesses all the hardy, robust and easy going qualities peculiar to the Boston Fern and all its varieties. (See cut.) Price, 20c each, postpaid.

By express 5-inch pots..... 75c 6-inch pots..... \$1.00

## Boston Fern

Still the standard American decorative plant. Grows rapidly under all conditions and its inexpensiveness places it within reach of every one. Often called "Fountain Fern," on account of its gracefully drooping habit. Fully matured fronds often attain a length of four feet. 15c each, postpaid.

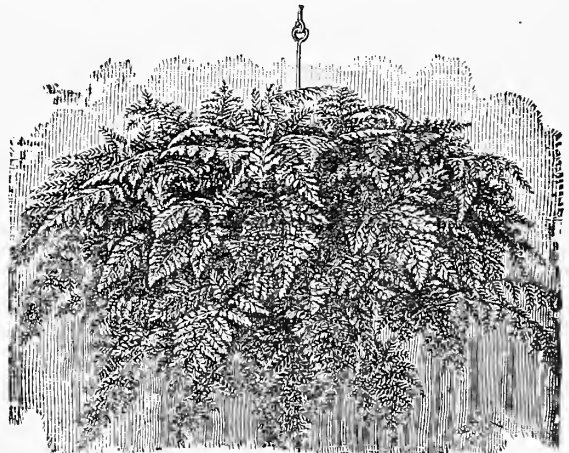
Large plants by express.

3-inch pot plants..... 20c 5-inch pot plants..... 50c  
4-inch pot plants..... 30c 7-inch pot plants..... \$1.00

THE NEW PARLOR FERN

## Scottii, The Best Dwarf Fern

A miniature Boston Fern, retaining all the excellent features of the mother plant, except the habit of growth, this being dwarf where the other is tall. For a place where a plant is desired that takes up little room and at the same time is ornamental, we recommend this plant. 15c and 25c each, postpaid; larger plants, \$1.00 and \$2.00, by express.



Japanese Fern Ball

## Japanese or Globe Fern

This is one of the most satisfactory house Ferns ever offered. We import them in their dormant state, in the shape of a large ball, 6 to 8 inches in diameter. The center is of moss, covered with fern roots in an ingenious manner, the whole looking like a ball of roots twisted together.

To start them growing, it is only necessary to immerse them two or three times a week in water. Soon they start into life and are quickly covered with beautiful green foliage. The leaves are very lasting and attractive. Suspended like a hanging basket, they are very ornamental. 50c each, large size, 75c each; by mail, postpaid.

## Small Ferns for the Dining Room

We have a very fine collection of small Ferns suitable for Fern Pans or Dishes. Nothing makes so fine an ornament for the dining table, and their use is now very general. No other plant is finer or so well adapted for the purpose. Each, 10c; dozen, 75c, postpaid.



# GERANIUMS

New Geranium

## AMERICAN BEAUTY

This variety was named American Beauty by the introducer because the color is almost identically the color of the popular rose of that name. The beautiful semi-double flowers are deep rosy-carmine, shaded with carmine-crimson. They are not affected by extremes of weather. The habit is perfect; semi-dwarf branching and compact; the trusses are produced on long stems held well above the foliage. A free and continuous bloomer either in pots or for bedding. Price, 20c each; 3 for 50c.

## PANSY GERANIUMS

There is nothing that gives better returns for a little care, when grown in the window garden, than these; literally covered with flowers, frequently in bloom all summer.

**Mrs. Loyal.** The true Pansy Geranium. The color and marking of the flowers are most extraordinary—light pink, white, dark purple, black, etc., almost rivaling the pansy in uniqueness of flower. Price, 20c each; 3 for 50c, postpaid.



Geranium—American Beauty

## SIX BEST BEDDING GERANIUMS

**Acteon.** A geranium of such perfect habit that it has become the standard by which all other geraniums are judged. The handsome, perfectly formed, semi-double flowers of bright vermilion scarlet are produced in profusion, and the foliage is a handsome, luxuriant, bright green, slightly zoned. It is in every respect a general favorite.

**Jean Viaud.** The grandest double pink geranium grown. Flowers semi-double, 2 to 2½ inches in diameter, made up into immense trusses, 12 to 15 inches in circumference. Color, beautiful clear rosy pink, with distinct white blotch at base of petals. Of remarkably vigorous but compact, shapely habit. As near perfection as a geranium can be.

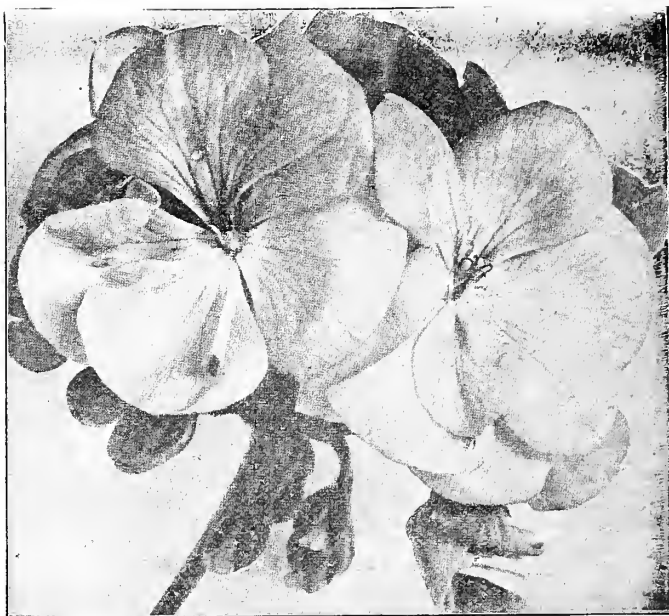
**Mrs. E. G. Hill.** Florets two and a half to three inches, center of each petal is a soft, light salmon, bordered with rosy-salmon, and veined deep rose, frequently forms six petals, not to be confused with the old variety of the same name, resembles a real begonia bloom more than a geranium. (See cut.)

**Beaute Poitevine.** One of the most popular varieties we have. With its lively light salmon color, its semi-dwarf robust and branching habit, beautiful deep-zoned foliage, healthy constitution, perfectly-formed flowers, and enormous trusses freely produced, it is a variety that can be depended upon.

**La Favorite.** One of the finest double whites in this class; pure in color; flowers of an enormous size; a continuous bloomer, the plant being covered with flowers the entire season; beautiful foliage; finest habit; unsurpassed as a bedder.

**S. A. Nutt.** A dark red geranium. Considered to be one of the best bedders and is more generally used than any other geranium, both as a pot plant and bedder; a vigorous compact grower, with clean, healthy constitution.

Price, any of the above, 15c each, the set of 6 varieties for 75c, postpaid. We can supply any of the above large plants from 4-inch pots in bud or bloom, \$1.50 per doz., by express only at purchaser's expense.



Geranium—Mrs. E. G. Hill

## SCENTED GERANIUMS

These beautiful and useful geraniums are now very extensively grown for their highly fragrant foliage, and are to be used among cut flowers which have no perfume of their own, as well as in making toilet waters, fragrant jars, flavoring jellies, etc.

**Apple-Scented Geranium.** Leaves delightfully scented like rich luscious apples. 15c each, two for 25c.

**Lemon.** Small leaves, growing erect, of a delicious lemon fragrance.

**Nutmeg.** One of the most fragrant; somewhat resembles the apple geranium in growth and fragrance.

**Mrs. Taylor, or Scarlet Rose Geranium.** A distinct variety of the scented geranium, with a strong rose fragrance and large deep scarlet flowers.

**Quercifolium.** Oak-leaved foliage; black center, finer cut than Quercifolium major.

**Rose.** Too well known to need description. They are indispensable in the formation of bouquets.

Price, 10c each, except where noted; the 6 varieties for 50c, postpaid.

Received the plants in good shape a few days ago. Very truly yours, Mrs. M. A. Grimes, Snyder, Tex., March 31, 1915.



## IVY-LEAVED GERANIUMS

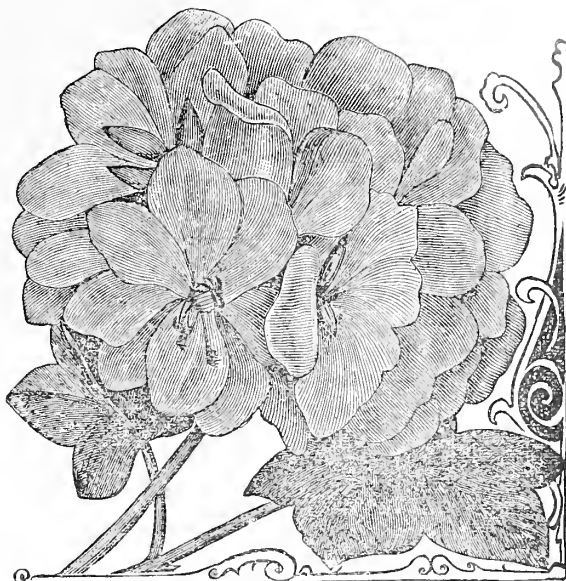
**ACHIEVEMENT.** Distinct and pleasing shade of soft cerise-pink; immense, semi-double flowers, freely produced in large trusses; capable of withstanding inclement weather because of hardness and strength, the result of a cross with a zonal.

**CAESAR FRANCK.** One of the most popular Ivy Geraniums yet introduced; the color is an attractive shade of soft, rich crimson, with an exquisite shading of tender rose at base of petals; habit vigorous, quick growing and pleasing; strong constitution.

**MME. THIBAUT.** Magnificent shade of clear rosy pink, upper petals delicately but distinctly feathered deep crimson-maroon; immense trusses; undulated petals; strong vigorous habit, luxuriant, waxy foliage.

**MRS. BANKS.** Flowers are large, semi-double, and borne in medium-sized trusses on long, wiry stems; color a pleasing shade of blush-white, upper petals feathered reddish Neron. In habit of growth it is truly an Ivy; exceptionally strong and vigorous, flowering abundantly through the Winter; handsome, light green foliage.

Price, 15c each; the set of four varieties for 50c.



Geranium Ivy Leaf—Mme. Thibaut



Variegated Geranium

## Pretty Variegated Geraniums

**MARSHAL McMAHON.** Golden yellow, with a zone of dark chocolate; fine, large foliage; a splendid bedder  
**MOUNTAIN OF SNOW.** Single flowers of a scarlet-red color; luxuriant, light green foliage, distinctly variegated white; spreading and branching habit; very healthy grower.

**MRS. PARKER.** Flowers perfectly double; clear, light pink; the first double-flowering variety in the silver-leaved section; leaves of the most attractive tint and shade.

**MRS. POLLOCK.** Attractive orange-red flowers; beautiful foliage, very distinct markings; bright bronze-red zone, belted with crimson, edged with golden yellow.

**MME. SALLEROI.** Makes a round, pretty plant about one foot high and wide; foliage bright green, edged with pure white; dwarf, compact grower.

**MME. LANGUTH.** A very attractive variety, having magnificent foliage broadly marked with silvery white; beautiful, cherry-red flowers.

Price, 15c each, postpaid.

## Fuchsias

Fuchsias are certainly one of the most graceful and interesting classes of pot plants grown. They delight in a rich, light soil, and a partially shaded situation, with plenty of water. This one of the few plants will succeed best in a north window or on a north porch during the summer season. Young plants planted in the garden will bloom profusely until October, but they must be planted in the coolest spot or in partial shade as the sun will injure the foliage.

**BLACK PRINCE.** Single, large corolla, well expanded, of a red-dish rose, tube and sepals waxy carmine. A very distinct variety. 20c each.

**CHARMING.** Entirely distinct from any other variety. The flowers are of an intense rich carmine. Price, 20c each.

**MRS. MARSHALL.** White tube and sepals, bright, rosy scarlet corolla, flowers large and bold, free bloomer and grower, single. Price, 20c each.

**ROSAIN'S PATRIE.** Fine double, white tube and sepals rosy carmine, corolla pure white. 20c each.

**PHENOMENAL.** Extra large, double purple corolla. Crimson sepals. 20c each.

## Newer Heliotropes

**BESSON'S FLEURE.** Rich dark purple; a fine grower.

**CAMELEON.** Rich lavender; large white eye.

**CZAR.** One of the best dark Heliotropes. Very distinct in color and habit. Deep purple.

**CZARINA.** Another good one. Deep purple and fragrant.

Price, 10c each.

## Hibiscus

**SUB-VIOLEACEOUS.** Flowers enormous, semi-double, clear carmine, tinted with violet; an unusually free bloomer.

**PEACHBLOW.** Flowers double; of a rich shade of clear pink, with small, deep crimson center; an entirely new and most beautifully shading; four to five inches in diameter; blooms freely even on small plants.

Price, 15c each, the 2 varieties for 25c.

Order received this morning. Thank you for the prompt attention given the order and I very much appreciate the extra seeds. If we ever want anything else in your line, will be sure to remember you with our order. Wishing you the best of success. Respectfully, Mrs. H. D. Ermeling, St. Charles, Mo., R. R. 4, Box 32, March 1st, 1915.



Fuchsia—"Mrs. Marshall"



## OUR MAGNIFICENT GLADIOLUS

The varieties we offer this year are the best that can be had. To say they are beautiful would be putting it mildly,—words are inadequate to even come near an accurate description of them.

Give them a trial. It is well worth the time and money you spend. At the low price we offer them at they are within the reach of all. Leaflet on Gladiolus free on request.

### Our Dollar Collection

**AMERICA.** Large flower, flesh pink, beautiful.

**AUGUSTA.** Lovely pure white with blue anthers. Strong, straight spike often having two and three branches.

**BLUE JAY.** Good-sized flowers, well arranged on straight spike; color dark violet bordering on blue.

**BURLINGTON.** Bright pink, beautifully tinged with orange-scarlet. Carmine and white throat.

**KEOKUK.** Deep, bright pink, clouded, tinted and spotted slate-blue.

**MOHONK.** A strong, rank grower, flowers of large size, and great substance. Deep dark pink with spotted throat, shaded orange and flaked with maroon.

**PRINCEPS.** Rich crimson with very deep shadings in the throat and blotches on lower petals.

**WAUKESHA.** Salmon-pink, shaded, lighter inside; large beautiful primrose throat, thickly mottled crimson. The eight varieties for \$1.00, postpaid.

### Our Fifty Cents Collection

**COLUMBIA.** Light orange-scarlet, freely blotched and penciled with bluish purple. Throat freely mottled.

**HENRY GILLMAN.** Deep salmon-scarlet, with pure white bands; the throat showing peculiar mottling.

**LITTLE BLUSH.** Dwarf habit, compact spike of blush white.

**ODDITY.** Deep amaranth red, deeply suffused with purple-blue. Large distinct white marks and red and white mottled throat.

**PORTLAND.** Rosy-red, pencil darker, mottled throat.

**SALEM.** Fine salmon-pink, maroon blotches. The six varieties for 50c, postpaid.

### Y and S Mixture

Extra fine, composed of the best of named varieties and a fine assortment of novelties.

Price, 6c; 60c per dozen, postpaid.

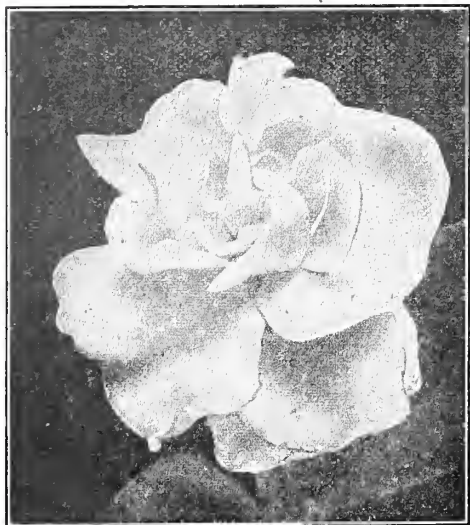
### Rainbow Mixed

Some very fine varieties with a splendid assortment of colors.

Price, 5c; 30c per dozen, postpaid.



Gladioli "Priniceps"



Jessamine, Victoria

## Everblooming Cape Jessamine

This grand novelty does not differ from the common Cape Jessamine or Gardenia except it blossoms all the year round, while the old sort blossoms only for a short time in the spring. The flowers of this are very large and perfect with pure white wax-like petals and glorious fragrance. Large, double and surpassingly lovely. A good plant will show flowers every day in the year, and it is an easy thing to manage, growing well as a window plant. 50c each, postpaid, large plants, by express, \$1.00 each. (See cut.)

## Lily of the Valley

**GIANT LILY OF THE VALLEY.** This is the largest variety yet produced; when it gets well established, it produces wonderfully luxuriant foliage and immense spikes of purest white bells twice the size of any other sort. Price, strong single crowns, 5c each, 50c per dozen, \$3.50 per 100.

## Beautiful Weeping Lantana

One of the few plants that cannot be too highly recommended. The plant is of very rapid growth, and graceful drooping habit, producing a cluster of flowers at each leaf. The flowers are most delicate, clear, brilliant rosy-lilac color. To procure quick results, a half-dozen or more plants should be planted in a hanging basket, although a very pretty basket can be grown from a single plant. Price, 10c each, 3 for 25c.

## Dwarf Lantanas

Showy bedding and basket plants that are being used more extensively than ever before. They are in bloom continuously from spring until frost cuts them down. It has a flower somewhat resembling the Verbena, borne on a woody, bush-shaped plant. The flowers embrace all shades of orange, sulphur, lilac, red, pink, white, etc., changing from one distinct color to another as they increase in age and development.

Price, 10c each, 3 for 25c, postpaid.

## Hydrangeas

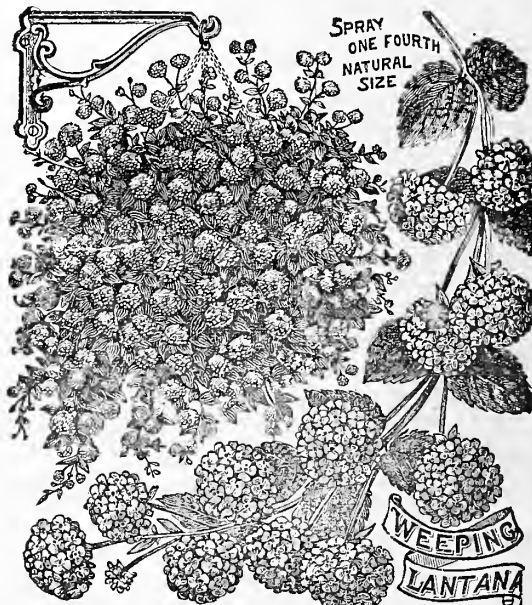
We know of no plant that is more useful as a decorative pot or tub plant for the porch or veranda than the Hydrangea. They are of the easiest culture, increasing in size and beauty from year to year. A well grown specimen is a beautiful sight, remaining in bloom throughout the entire season. They should be wintered dormant in a cold cellar. A little freezing will not injure them.

**OTASKA.** This is the favorite old variety, producing immense beads of pink flowers, changing to green. Price, 15c.

**MONSTROSA.** A new variety claimed to be an improvement on the large Japanese Otaska, having larger flowers and trusses. A grand variety in every respect. Price, 15c.

**SPECIAL OFFER.** The two varieties, 25c, by mail, postpaid.

I received plants and bulbs which I ordered from you in fine condition, for which I thank you very much. Respectfully, Mrs. Mary F. Collins, Lathrop, Mo., May 20th, 1915.





# DECORATIVE PLANTS AND PALMS

## Palms

We carry a very complete stock of leading palms, and can deliver one or many upon short notice.

**ARECA LUTESCENS.** One of the very practical decorative plants; always graceful and artistic. Good plants 12 inches high, 35c each, postpaid. Larger plants, 18 inches high, 75c each, 2½ feet high, \$1.50 each, to go by express.

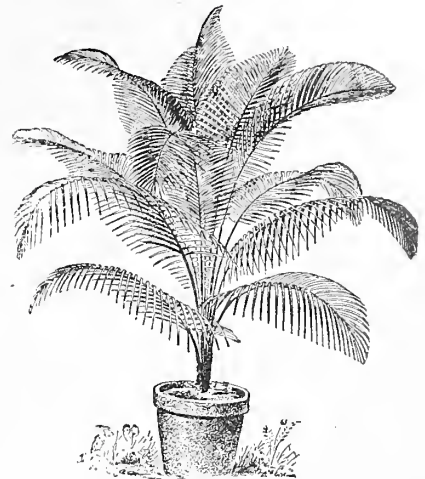
**KENTIA PALM.** The most popular palm we grow. Hardy and rugged under comparatively rough handling. Plants 12 inches high, 35c each, postpaid; 2 feet high, \$1.00; 2½ feet high, \$1.50, by express.

**COCOS WEDDELLIANA.** The most elegant and graceful of all the smaller palms. Its slender, erect stem is thickly set with gracefully arching leaves of a rich green color. Admirable for fern-dishes, as they are of slow growth and maintain their beauty for a long time. Fine, vigorous plants, 35c each, postpaid.

**SPECIAL NOTICE.** We are able to supply large specimen plants of palms, ferns and rubber plants where wanted for immediate effect. Write us and we will gladly quote low wholesale prices.



Kentia Palm



Cocos Palm

## BOX TREE

Shapely plants of the evergreen family, which grow very dense and close and can be cropped into any desired shape—spheres, cones, pyramids, etc.

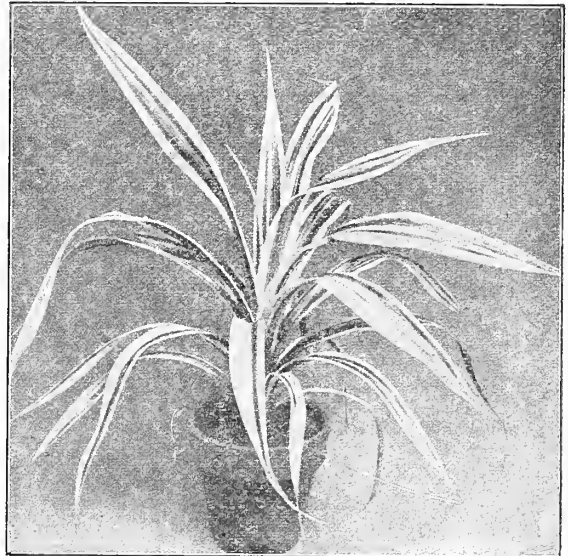
They are perfectly hardy, and can be left outdoors all winter without any protection. Valuable for outdoor decoration on porches, lawns, etc. Specimens 18 to 24 inches high, \$1.50 each; 48 inches high, trained to pyramidal form \$3.00 each. In green painted tubs for porch decoration \$3.50 each, by express or freight at purchaser's expense.

## Ponderosa Lemon

Makes a splendid pot-plant, as its glossy, dark green, leathery leaves are as ornamental as palms, rubber plants, etc. Will stand rough usage, and even neglect, remarkably well. Fragrant white flowers in clusters; often bears fruit under good care, showing blossoms and fruit on the tree at the same time. Nice plants, 29c each, postpaid. Large plants, \$1.00 each, by express.

## Pandanus Veitchii

Gracefully curved foliage, light green striped with broad bands of pure white. An attractive decorative plant that stands ordinary house culture well, and is always fresh and bright in appearance. (See cut.) Prices, 75c each; larger plants, \$1.00 and \$2.00, by express only.



Pandanus Veitchii



Box Tree

## OTAHEITE ORANGE

Best orange for pot culture. Plant dwarf and symmetrical. Blooms freely; delightful orange fragrance, sometimes maturing edible fruit half the size of ordinary oranges. A grand plant for winter; nearly always in bloom. Nice young plants, 15c each, postpaid. Fine 2-year plants, 50c each, by express.

## PANSY PLANTS

Pansies may be successfully grown from seed started early in the spring, but a longer period of blooming and much better results in every way may be obtained by ordering plants that are already well established, from seed sown during the autumn and early winter.

For best results, plant in deep, rich, moist soil. If fine, large flowers are wanted throughout the summer, plant in a partially shaded situation, where they will be protected from the hot midday sun. It is also advisable to pick off all flowers when fully developed, as they will then bloom more freely, and during a longer period, than if allowed to remain on the plant and develop seeds, which always exhausts the plant.

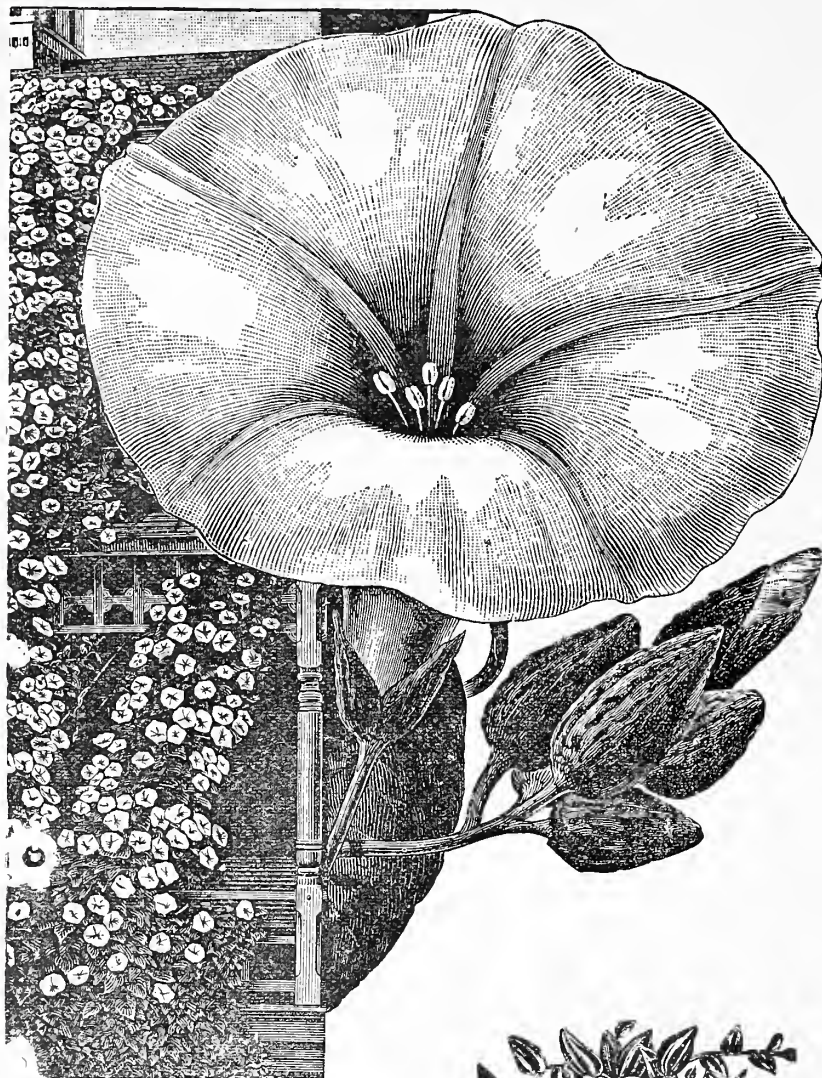
We offer plants grown from a mixture of the best, high-grade, named varieties. The plants are well established, and will bloom soon after planting. Extra-strong plants, 50c per dozen, postpaid. Much larger plants can be sent in bud and bloom if shipment is made by express at purchaser's expense.



Otaheite Orange

Plants, seeds and bulbs all received in perfect condition. The Pink Killarney I received last November in bloom. Thanks for the extras. Respectfully, Mrs. W. B. Morgan, Box No. 6, Steelville, Mo., May 1st, 1915.





New Moon Vine—Maxima

**WANDERING JEW**

The old favorite which grows equally as well in water as in soil. We have the dark colored one and a white and green variety. Price, 10c each, \$1.00 per dozen.



Wandering Jew

**VINCA MAJOR**

(Variegated.)

A beautiful variegated trailing plant, admirably adapted for hanging baskets and vases. The leaves are a glossy green, broadly margined a creamy white; flowers blue. Price, 10c each. Large plants with vines two or three feet long, 25c.

**TUBEROSE BULBS****YOUNG'S TUBEROSES**

ARE noted for their FINE QUALITY, extra large size, and are always sure to bloom.

**Excelsior Pearl.** Grows about 18 inches high; blooms very early; extra large size, selected bulbs all sure to bloom.

**Pearl.** Short stalks, long spikes and large flowers; select bulbs of enormous size. Extra large bulbs, 5c each, 50c per dozen. If wanted by mail, add 10c per dozen for postage; second size bulbs, 3c each, 25c per dozen, \$1.50 per hundred. If wanted by mail, add 10c per dozen for postage.

**YOUNG'S EVER-BLOOMING TUBEROSE BULBS**

A wonderful new single tuberose that blooms continuously from early in July until it is stopped by frost. Unlike any other tuberose, it flowers the year after from the same bulb, the young roots also producing flower stems. In this way it forms large clumps, frequently having fifteen to twenty large spikes in full bloom at one time. The immense spikes of bloom are borne in great profusion and kept fresh and fragrant for weeks when placed in vases of water. Our bulbs are two years old, extra large size and will be sure to bloom in great profusion this season. Each 7c; 4 for 25c; dozen, 50c, postpaid.

**New Giant Moon Flower**

**Ipomoea Maxima.** The flowers are more than twice the size of the old variety, selected flowers reaching 7½ inches, and are produced in such wonderful profusion that they completely cover the vine with a veil of glistening white. On moonlight nights and cloudy days the effect is charming in the extreme. It forms a perfect screen of rich green foliage. Add to these qualities its delightful sweet magnolia fragrance and prosaic fact or poetic fancy could not ask for more. (Sec cut.) Price, 20c each, \$2.00 per dozen. Extra large plants 35c each, 3 for \$1.00 by express.

**MOONVINES****"IPOMEA NOCTIFLORA"**

**White.** Our white variety has larger flowers than you will generally find on those you buy from others. Extremely fragrant and very attractive when the pretty snow-white blooms are opening. A quick, dense-growing climber.

**Ipomoea Leari.** The blue type of the above. Plant these two together for the best effect. Deep lavender-blue flowers bloom profusely all over the plant. Price, 20c each, 3 for 50c, postpaid; larger plants, 35c, 3 for \$1.00; by express.

**GERMAN IVY**

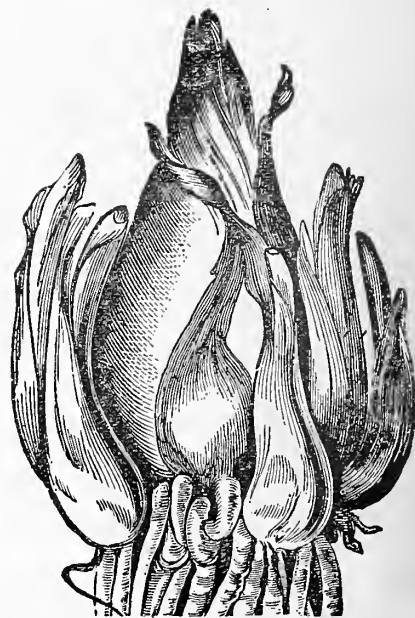
A delightful light-green trailer which is used extensively for hanging baskets and is very effective when used in this manner. For a pretty indoor hanging vine or for your out-door window box we advise this one. Price, 10c each, \$1.00 per dozen.

**ENGLISH IVY**

Extremely good for covering graves and forms a solid mat of green. It takes about 15 to cover an ordinary grave. Heavy leathery leaves and very hardy. Price, 10c each, \$1.00 per dozen.

**GROUND IVY**

For shady spots and where the grass fails to grow, we would like you to try this pretty vine. Its variegated leaves form a pretty carpet on the ground and besides this vine is suited for covering stumps, etc. Price, 10c each, \$1.00 per dozen.



Ever-Blooming Tuberose Bulb





Double Fringed Petunias

## Young's Superb Double Fringed Petunias

We have made a specialty of Double Petunias, growing about five thousand seedlings annually, from which we select the choicest for propagation. We have discarded the plain-edged sorts, as the fringed and laced varieties listed below are very much superior. These are very superior strains, and must be seen to be appreciated. Be sure and include them in your order.

**WHITE SWAN.** Pure glistening white, center tinted rose.

**PINK BEAUTY.** Pink is a rare color in double Petunias; this variety is a pretty shade of lavender-pink. (See cut.)

Your choice, good plants, 15c each; one of each for 25c, postpaid.

## Single Fringed Petunias, Large-Flowering

For many years we have been very large growers of Petunias. The plants we offer are from seed saved from our finest flowers and will bear large, beautiful blossoms, deep-throated, of various brilliant colors and beautifully fringed. Plants ready April 1.

Good plants, 10c each, 25c for 3, postpaid. Extra large plants in bud or bloom, 15c each, 25c for 2, \$1.50 per doz., by express at purchaser's expense.

## Plumbago

There is no plant in our greenhouse that has caused more exclamations of delight than these beautiful Plumbagoes. They are most excellent pot plants, flowering freely at all times of the year. Flowers are borne in large clusters and are exceedingly beautiful in color. They are of very easy culture, growing in any situation as freely as geraniums.

**CAPENSIS.** A heavenly blue.

Price, 15c each, two for 25c. Larger plants, 25c each.

## Smilax

Dainty climbing or creeping plants with wiry stems and rather small, bright green leaves. Much used for "greens" in bouquets, festoons, etc. Good plants, 10c each, 25c for 3, postpaid.

## Marguerite OR PARIS DAISY

**WHITE.** A ray of white petals around a yellow disc. Fine for bedding or pot-culture. The flowers are like those of the field daisy in size and appearance. 15c each, 2 for 25c. Larger plants, 35c each.

## Vinca Major VARIEGATED

A beautiful variegated trailing plant admirably adapted for hanging baskets and vases. The leaves are a glossy green, broadly margined a creamy white; flowers blue. Price, 10c each. Large plants with vines two or three feet long, 25c.



Paris Daisy

## Hardy Japan Lilies

**AURATUM** (Gold Banded Lily.) Justly famous as the most beautiful and fragrant of all Lilies; flowers white, dotted crimson, with a clear, broad golden band running through the center of each petal. First size bulbs, 20c each, 50c for 3.

**SPECIOSUM MELPOMENE.** Flowers frosty white, spotted and clouded with pinkish crimson. Large bulbs, 20c each, 50c for 3.

**SINGLE TIGER LILY** (Lilium tigrinum.) Very hardy native lily; orange-red, spotted with purplish black. It is very pretty and bears eight to twenty flowers. 10c each, \$1.00 per dozen.

**DOUBLE TIGER LILY** (Lilium tigrinum, flore pleno.) Famous for its bright orange-yellow flowers. These are borne in great abundance on the stems, which grow 4 to 6 feet high. Good bulbs, 15c each, \$1.25 per dozen.

All Lily bulbs delivered free.

**INSTRUCTIVE LEAFLET ON LILY CULTURE FOR HOUSE AND GARDEN** sent free on request.

I received all my orders in good shape. They were all right what I ordered. 4224 came soon after ordered. Am well pleased with all of them. Ida Martin, Hillsboro, Ill., May 5, 1915.

## Impatiens Sultani

A lovely plant, either for house-culture or open ground; nearly always loaded with brilliant, rosy crimson flowers; very showy and beautiful. 15c each, 2 for 25c, postpaid.

## Salvia-Scarlet Sage

One of the finest of all hedders, completely covered during summer and autumn with long spikes of dazzling scarlet flowers. The plants remain in bloom until cut down by frost.

**ZURICH.** A great improvement of the old type of Salvia; more compact, earlier, and freer-flowering. Each plant forms, when in flower, a bushy specimen 20 to 24 inches high, and is so completely hidden by the masses of spikes of scarlet bloom as almost to appear like a ball of fire. We introduced it and can say, after testing it thoroughly, that it is in our opinion and those who have tried it, the best Salvia today, and will be the one principally grown as soon as better known.

10c each, 25c for 3, \$1.00 per dozen, postpaid; large, blooming plants, 15c each, \$1.50 per dozen, by express at purchaser's expense.

## Summer-Flowering Shrubby Vinca

Commonly known as **Madagascar Periwinkle**, blooms all summer and is very showy; one of the most useful and attractive plants for summer flower beds. They grow about 18 inches high, making handsome bushy plants which cover themselves with showy round flowers 1½ inches across on long stems. The foliage is a dark glossy green, very healthy, immune from insects and diseases. We offer **Rosea**, bright rose; **Alba**, pure white; **Alba Rosea**, white with rose-colored center. Price, 10c each, \$1.00 per dozen.

## Verbena-New Mammoth

Verbenas are now, and have been for years, one of our leading specialties. We have carefully selected and improved our stock of Mammoth Verbenas since we introduced them, and confidently offer our new varieties for this year as improvements on former years. The colors range through the brightest and most beautiful shades of scarlet, purple, crimson, pink, blue, white, etc.

**VERBENAS.** Unnamed; choice assortment of colors. Price, 75c each, 50c per dozen.

## New Violet, Gov. Herrick

A new and very choice Violet that is destined to become decidedly popular. The flowers are exceptionally large and the color is deep, ultramarine-blue, with a rich, lasting fragrance. We recommend it highly. Good plants, 15c each, 25c for 2, \$1.25 per dozen, postpaid.



## Our Line of Hardy Climbers

### AMPELOPSIS VEITCHII

Sometimes Called "Boston Ivy" and "Japan Ivy"

Entirely hardy in the most exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick or wood work with the greatest tenacity. It is a great protection to houses, as the leaves, lapping over each other like slates on a roof, effectually prevent rain from penetrating the walls. For covering dead trees, boundary walls, etc., it has no equal. Beautiful autumn foliage. (See cut.)

Price, strong 1-year pot-grown plants, 25c each, \$2.50 per dozen.

### BIGNONIA

**GRANDIFLORA** (Trumpet Creeper). Grandiflora is a great improvement on the old variety Radicans; the flowers are very large, trumpet shaped, of orange scarlet. Very useful for covering unsightly places, old stumps and rock work. Large 3-year-old plants, each, 50c.

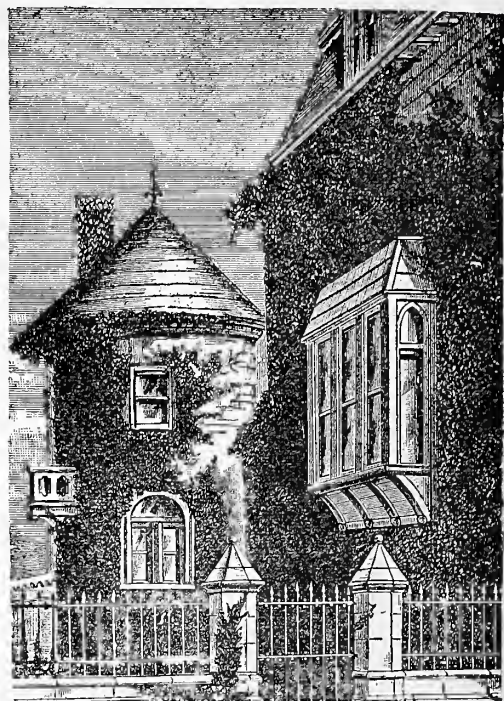
**BIGNONIA RADICANS**. Dark red orange throat, free-blooming. Very hardy and rapid grower. Useful for covering unsightly places, stumps, or wherever a showy flowering vine is desired, it will be found useful. Price, 35c each.

### THE FRAGRANT CINNAMON VINE

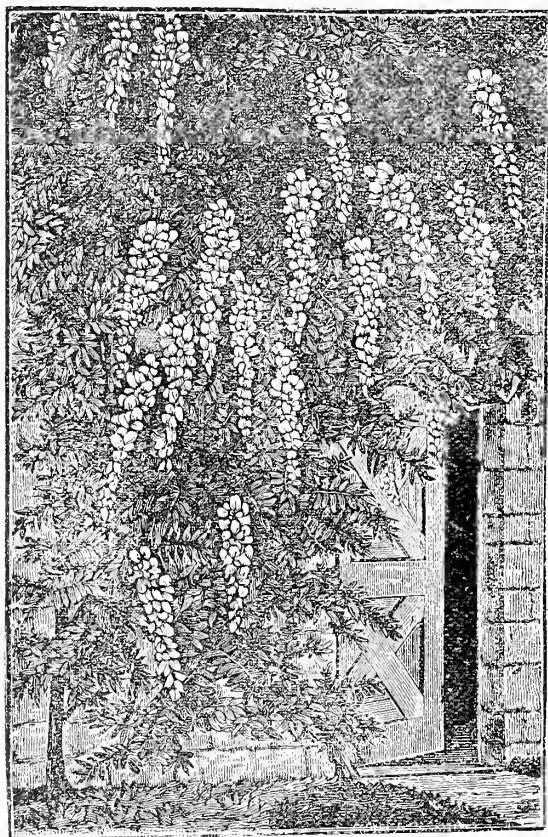
This plant has the most delightful little white blooms, of a rich, spicy fragrance. A vine that makes great progress, growing in some locations to the height of 25 feet in one season. 5c each, 50c per dozen; by mail, postpaid.

### KUDZU VINE

Foliage large and lobed, purple, pea-shaped flowers in clusters, borne late in the season. On account of its prodigious growth this has been popularly called "Jack and the Bean Stalk." Price, 25c each.



Ampelopsis Veitchii



Wistaria Sinesis

### WISTARIA

**BLUE CHINESE**. A very rapid grower, and one of the most beautiful of all climbers. It is perfectly hardy, climbing to a height of fifty feet; when covered with bloom it is magnificent. Price, large size, 35c each; 3 for \$1.00.

**SINESIS, WHITE**. Flowers borne in long, drooping clusters; pure white. Price, 50c each.

### Honeysuckle

Among the most desirable hardy climbers. Grows with great freedom in any garden soil. Very desirable for porches. When trained to wire fence, makes a good hedge.

**HALLIANA**. A variety introduced from Japan. It is evergreen and a constant bloomer; flowers pure white changing to yellow; very fragrant; good for trellises or pillars. First size, 36 inches high, 50c each; 2d size, 20 inches high, 25c. (See cut.)

**SCARLET TRUMPET, OR CORAL**. A very strong variety, producing beautiful scarlet flowers all summer. One of the best. First size, 36 inches high, 50c each; 2d size, 20 inches high, 25c.

**MONTHLY FRAGRANT, OR DUTCH**. A fine rapid growing variety; flowers large and fragrant; color, red and yellow; a constant bloomer. First size, 36 inches high, 50c each; 2d size, 20 inches high, 25c.

**TARTARICA** (Tartarian Honeysuckle.) Pink flowers. Price, 25c each.

**GRANDIFLORA ROSEA**. Bright red flowers, striped with white. Price 25c each.

### Madeira Vines

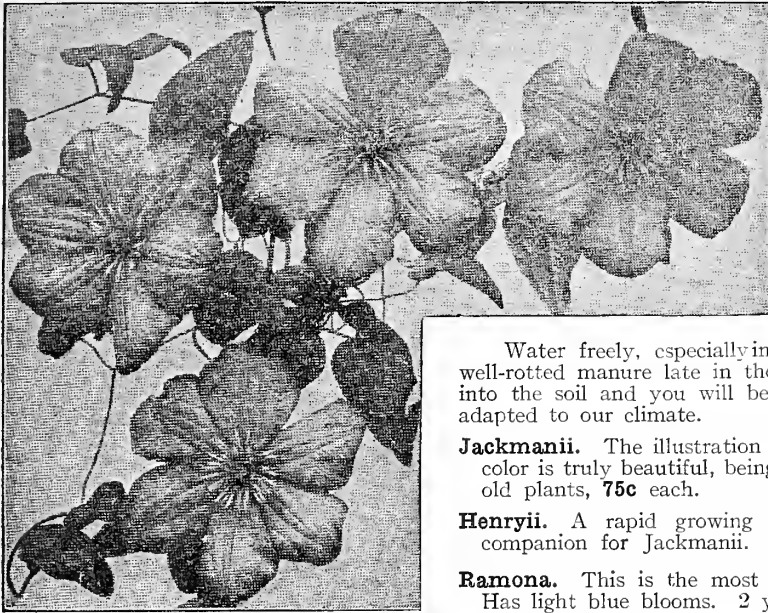
One of the best and most popular climbers, not for the flower which is insignificant, but for its leaves which are small, dark green and very dense. Vine is of slender growth and will succeed in any location, doing best however, in a sunny sheltered place. Not hardy and roots should be taken up in fall. Strong Tubers, each 5c; 6 for 25c; per doz., 40c; 25 for 75c.



Honeysuckle Halliana



## LARGE FLOWERING CLEMATIS



**Clematis Jackmanii**

### The Justly Proud Queen of all Climbers

With its large, beautiful flowers of many colors, produced in profusion the entire season, is admired by everyone the world over. It is a rapid grower and delights in a heavy, rich soil and a sunny position. In planting, throw out the soil to about one foot deep, placing some broken pots or bricks and bones in the bottom for drainage. Cover these with a few inches of soil; then form a mound in the center, over which spread out the roots of the plant, and fill in the soil, watering a few times as soil is replaced. Plant so that the crown of the roots will be three inches below the surface of the soil.

Water freely, especially in dry times. Give plants a good top-dressing of well-rotted manure late in the fall, and in the spring spade well and carefully into the soil and you will be well repaid. The varieties below are those best adapted to our climate.

**Jackmanii.** The illustration gives an idea as to the shape of the bloom. The color is truly beautiful, being a rich, royal purple; very profuse. Price, 2-year-old plants, **75c** each.

**Henryii.** A rapid growing white. Large flowers and robust habit. A fit companion for Jackmanii. 2-year-old plants, **75c** each.

**Ramona.** This is the most constant bloomer of the large-flowering Clematis. Has light blue blooms. 2 year-old plants, **75c** each.

### The Fleecy-White Fragrant Clematis **CLEMATIS PANICULATA**

This grand climbing vine, one of the most valuable ever sent to us from Japan—the source of so many floral wonders—is well worthy of a place on pretentious dwelling or humble cottage. Blooms in the early fall and is one mass of fleecy-white, fragrant flowers. These are succeeded by the silken seed vessels almost as ornamental as the flowers. It will grow fifteen to twenty feet in a season, it is insect-proof, it is perfectly hardy, it adapts itself to all situations, thrives everywhere, and need only to be seen to be admired. (See cut.) Price, strong 2-year plants, **25c** each; **\$2.50** per doz.

## WATER LILIES



**Nymphaea Odorata Rosea—(Hardy Pink Water Lily)**

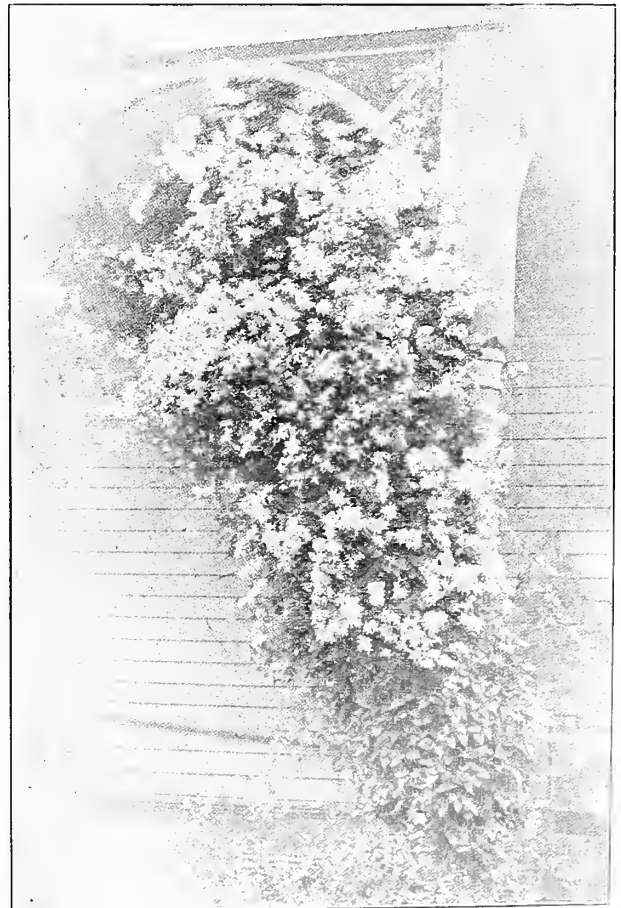
**SPECIAL NOTE—**Water Lily plants to be delivered after May the 1st.

**Pink Lily.** Has fragrant blooms of delicate pink. The Cape Cod Lily, **50c** each.

**Yellow Lily.** Yellow flowers with brown leaves. **30c** each.

**White Lily.** Pure white; flowers six inches; leaves eighteen inches. **25c** each.

**Water Hyacinths.** Fine for the aquarium. Floats on the water. **15c** each.



**Clematis Paniculata—Sweet Scented Blooms in Great Profusion During the Fall.**



## YOUNG'S HARDY PLANTS FOR THE GARDEN

This class of plants is fast attaining popularity, and to meet the growing demand we offer this choice selection of sorts, which contains only such as exhibit the greatest contrast of color with profusion of bloom. They flower at different periods and vary in natural height. A covering of manure should be applied in the fall. This may be forked into the soil early in the spring, beyond this, little care need be given, the occasional staking of a plant, the cutting off of decaying flowers, which will prolong the flowering season of many species, and the dividing and replanting occasionally of such varieties that have become too large, being all that is needed.

The following list has been made with special pains as to worthy varieties, large range of colors and different styles of growth.

### Cornflower Aster

One of the most charming of our native plants. Starts blooming in July and never lets up until cut down by frost. It is easily grown and the lavender blue blossoms put a delicate touch to your hardy garden. 20c each, \$2.00 per dozen.

### Achillea-The Pearl

Used largely in cemeteries. The plant is literally covered with little white flowers all the time during July. The flowers are also used for cut flowers. 10c each, \$1.00 per dozen.

### Aquilegia-Columbine

Old favorite spring and early summer blooming plants, growing about 2 feet high, that succeed in any ordinary garden soil. (See cut.)

The distinct clear-cut foliage and delicate arrangement of colors in the flowers of Columbine make it one of the showiest and most desirable of the hardy garden plants; especially suitable for rockwork, at the base of foundation walls and under trees.

**CANADENSIS** (Common American Columbine.) The native bright red and yellow variety, and one of the brightest.

**COERULEA** (Rocky Mountain Columbine.) Bright blue and white long spurred flowers.

**GRANDIFLORA.** A fine pure white sort.

Price, 15c each, \$1.50 per dozen.

### Digitalis-Foxglove

Large spikes of various shades of purple, rose-red, yellow and bronze. The blooms rise well above the plant on stalks sometimes 4 to 6 feet in height. Makes a desirable background for other plants. 15c each, \$1.50 per dozen.



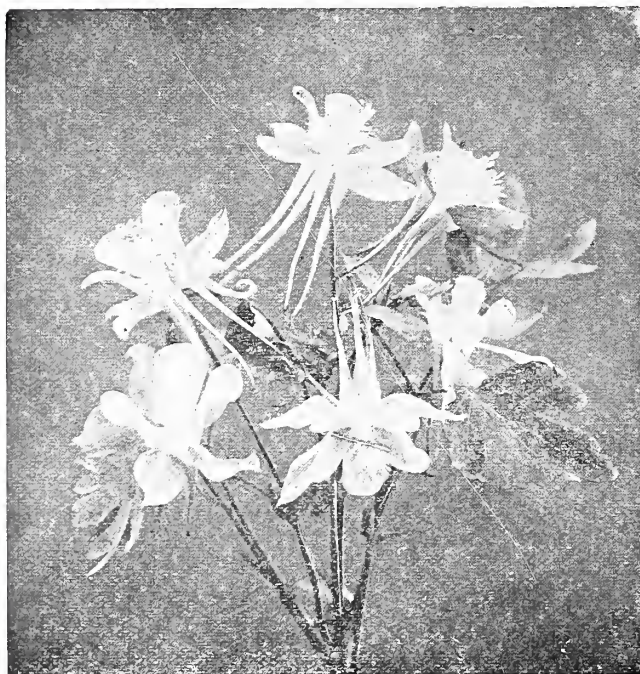
Stokesia Cyanea (Cornflower Aster)

### Correopsis The Yellow Cosmos

For freedom of bloom we have to give this plant the highest recommendation. It brightens up the garden with its cosmos-like blooms of caramel-yellow and they can be cut and used for decorating the home. We want you to try this splendid variety this year if it be a stranger to you. Price, 15c each, \$1.50 per dozen.

### Campanula-Cathedral Bells

This quaint little flower is perhaps better known as the "Bellflower." It has proved itself one of the choice plants, and deserves a place in the well-planted garden. The flowers are deep-throated and appear in the many shades of blue and white. 15c each, \$1.50 per dozen.



Aquilegia (Columbine)



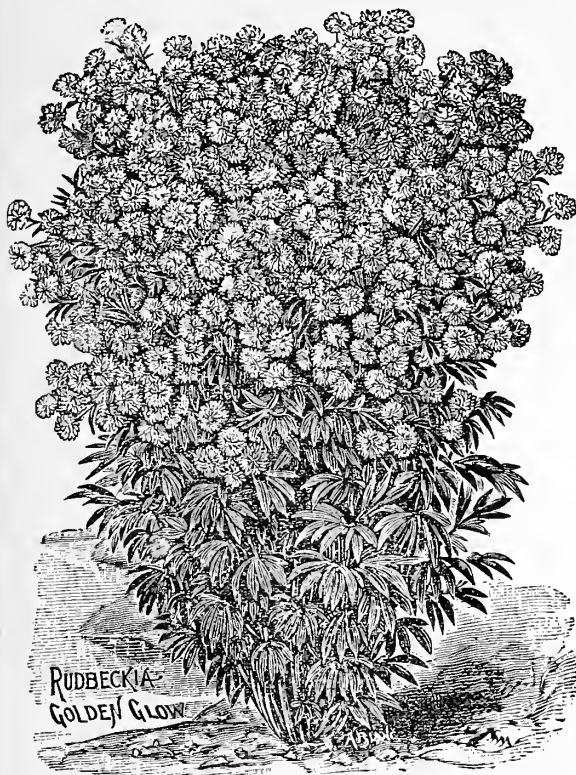
Dicentra Spectabilis (Bleeding Heart)

A hardy plant, blooming profusely during the spring months. This is an old plant, and is often known by the name "Bleeding Heart," from the peculiar shape and color of its flowers. Price, 25c each.



A GRAND NEW HARDY PERENNIAL

# Double Rudbeckia, "Golden Glow"



This is a superb new hardy perennial plant, growing 8 feet high, branching freely and bearing by the hundreds, on long, graceful stems, exquisite double flowers of the brightest golden color and as large as Cactus Dahlias. The stalwart plants, laden with sheaves of golden blossoms as large as fair Chrysanthemums, and all having an elegant, graceful appearance, is a sight not soon forgotten. As cut flowers the blooms last well. It is a strong grower, is perfectly hardy and blooms continuously throughout August and September. We regard it as one of the most effective decorative plants in cultivation. Strong plants, 15c each; 2 for 25c; per dozen \$1.25.

## English Daisies

Low growing, compact little plants which bloom in the greatest profusion. Excellent for bordering. The flowers are tight little button-shaped blooms of pink and white. 5c each, 50c per dozen.



Golden Day Lily

## Here are the Pretty Day Lilies

**FLAVA.** The Yellow Day Lily. Has a multitude of yellow blossoms during July and August; fragrant; dwarf. 20c each, \$2.00 per dozen.

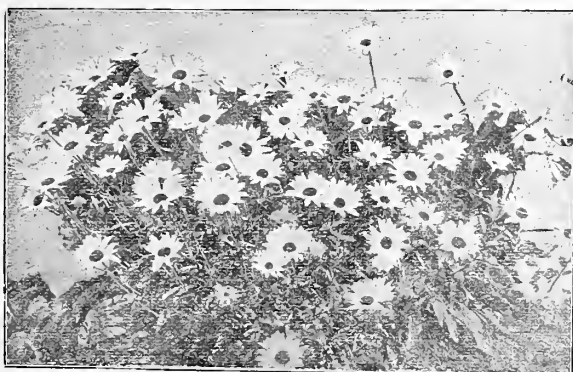
**KWAMSO.** Double orange blooms, shading to copper. A splendid bedding variety. 15c each, \$1.50 per dozen.

**BRONZE KING.** Somewhat similar to Kwamso, except that the foliage has a well-defined white stripe running through the center of each leaf. A profuse bloomer. 35c each, 3 for \$1.00.

## DELPHINIUM—LARKSPUR

**FORMOSUM.** From July to September this variety puts forth large flower-spikes covered with deep blue blossoms with a white center. 15c each, \$1.50 per dozen.

**KELWAY'S HYBRIDS.** Bloom in July and August. Flowers mixed blue and white; extremely hardy and prolific bloomers. 15c each, \$1.50 per dozen.



Shasta Daisies

## SHASTA DAISY

Giant flowering type. Very hardy and is a very good plant for the front of your hardy garden as it doesn't grow very tall. 15c each, \$1.50 per dozen.

## ORIENTAL POPPY

Great big flowers of yellow with black hands around some of them. These are really the true oriental flower to add so much to the beauty of any hardy garden. Price, 15c each, \$1.50 per dozen.

## HARDY GARDEN PINKS

Old favorites, bearing their sweet clove-scented flowers in the greatest profusion during May and June. 15c each, \$1.50 per doz.



Gaillardia or Blanket Flower.

## GAILLARDIAS

These pretty flowers produce the best effect when planted in masses, although they are effective when by themselves. It has given satisfaction wherever planted, and we feel confident that it will please you. The daisy-shaped blooms are of the prettiest colors imaginable, being a dark-red brown, with petals of orange, crimson and red. Blooms from spring until frost. 15c each, \$1.50 per dozen.



## Japanese Iris

**TANKA.** White, mottled and slashed with scarlet; petals white, shading to yellow.

**YODO.** Pink lower petals, with the standards tipped with red.

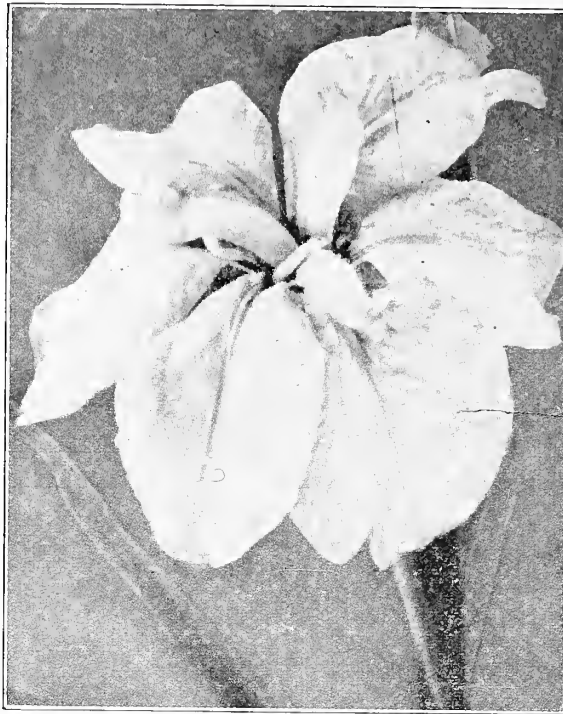
**KUMA.** Purple petals, over-laid with navy blue; orange blotches.

**RAN.** Dark claret, with white standards; a splendid type.

**GEKKA.** An exceptional profuse white.

**MT. HOOD.** Deep blue, shaded with light blue.

25c each, 6 for \$1.00, postpaid.



One of Those Pretty Jap. Iris

## Mixed Jap. Iris

A good assortment for those who like the mixed colors. 15c each, \$1.25 per dozen, postpaid.



Hibiscus or Rose Mallow

## Giant Marsh Mallow

This is the improved Hibiscus. The flowers measure about 10 inches across, and are produced in great profusion during the summer. Perfectly hardy and exceedingly robust in habits. They have proved welcome wherever tried, and we feel certain that they would please you also. Colors: crimson, shell-pink and white. 35c each, 3 for \$1.00.

## Tritoma—Flame Flower

This is one of those plants that attract a person's attention by the size and beauty of the blooms. The flowers are gigantic in size, sometimes being on stems 4½ feet in height, with flower-head measuring 12 inches. Color is a reddish orange. 15c each, \$1.50 per dozen.

## PLUME GRASS

**EULALIA ZEBRINA.** Light green, harred with creamy white. The variegation runs across the foliage. Very ornamental and used in parks, etc.

**EULALIA GRACILLIMA.** The Japan Rush. Narrow green leaves with a white midrib. Sways gracefully in the wind and gives a touch of tropical luxuriance to the garden that might look too "fixed."

20c each, 3 for 50c.

## Hollyhocks

Once planted they come up each year, increasing in size and beauty. They are absolutely essential for an effective background for your garden. We can supply them in four colors—Red, Pink, Lemon, and White. 15c each, \$1.50 per dozen.

## Allegheny Hollyhocks

A new single fringed type. Splendid bloomer and extra-hardy. Has the same tall-growing habits of the old type. We can only supply these in the assorted colors, unlabeled. 15c each, \$1.50 per dozen.

## Sweet Williams

These dainty plants of the Dianthus family are very free-flowering and have such a pretty assortment of colors that they are always a source of delightful pleasure. Price, 10c each, \$1.00 per dozen.

## Hardy Double Sunflower

**MAXIMILIANA.** Blooms late in the fall. These golden yellow flowers are eal for cutting.

**MAXIMUS.** Immense single blooms, 5 to 6 inches across. 15c each, \$1.50 per dozen.

Plants all arrived in fine condition. They are just as represented. Will wait for celery plants. Yours, Mrs. Sig. Kaufman, Salem, Ill.

## German Iris

**CHARLES DICKENS.** The standard dark blue.

**MRS. DARWIN.** Pure white petals, some veined with violet.

**MME. CHEREAU.** Very tall, 30 inches in height. White and porcelain blue.

**VENUS.** Yellow petals, drooping ones, white.

15c each, \$1.50 per dozen.

## Mixed German Iris

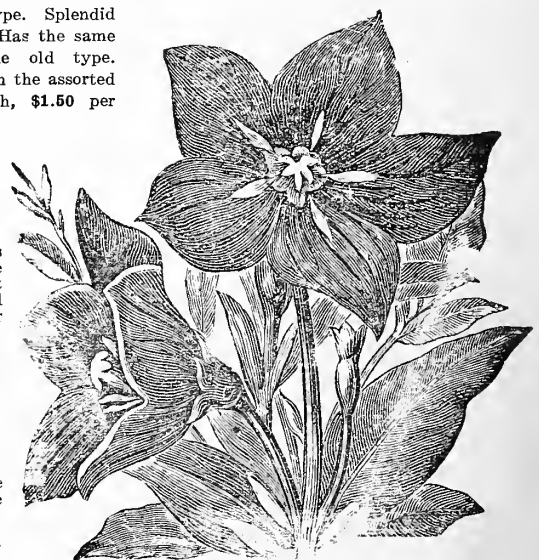
A splendid assortment. Good roots. 10c each, \$1.00 per dozen.



Yucca Filamentosa

## Yucca Filamentosa

An evergreen. This plant is an object of beauty the year around, if only its leaves are seen; the flower-stalks are 4 to 5 feet high with 50 to 200 bell-shaped, creamy white blossoms hanging from branching arms; hardy. (See cut.) Price: 50c each.



Platycodon Grandiflorum

## PLATYCODON

A valuable perennial bearing a constant succession of handsome, large, bell-shaped, deep blue and white flowers, from July until late in September; succeeds well in any ordinary soil, (see cat.) 20c each, \$2.00 per dozen.



## Young's Choice Hardy Phlox

Among the hardy perennial plants, no class is of more importance or is more in public favor today than the Hardy Phlox, embracing as they do a wider range of attractive colors than can be found in any other hardy plant, while their gorgeous masses of color are unrivaled by any other summer flower. We have eliminated from our collection all inferior sorts and varieties of dull color, and are offering only such as are distinct and effective. Many of the sorts which heretofore have been scarce and high priced are now offered at popular prices. All of the Phlox which we offer are one year field-grown. We have an immense stock.

**ANTONIN MERCEIE.** Light ground color, upper half of petal deeply suffused bluish-lilac; large white halo.

**B. COMTE.** Brilliant French purple with crimson carmine shadings.

**DANTON.** Scarlet pure red eye.

**HENRY MURGER.** Enormous pure white flowers, with very large, showy, deep carmine eye or center; fine florets and trusses; extra.

**CHAMPS ELYSEE.** A bright rosy-magenta; very effective.

**MRS. JENKINS.** The best white for massing; immense panicles.

**RYNSTROM.** An improved form of the popular variety Pantheon; fine for massing; of a Paul Neyron rose color.

**R. P. STRUTHERS.** In our estimation the very best Phlox grown today—it has no faults. Color clear, cherry-red, suffused with salmon shades; deep red eye; fine large truss. The color is so clear that each individual floret stands out as distinct as a cameo.

**LOUISE ABBEMA.** Very large dwarf, pure white.

**LA VOGUE.** A beautiful rose color with large eye of deeper rose color; very attractive.

**SUNSHINE.** Aniline-red; with crimson eye and light halo.

**MME. PAUL DUTRIE.** A delicate lilac-rose, reminding one of some of the beautiful soft pink orchids. The flowers are very large and borne in panicles of immense size.

Price, 15c each, \$1.50 per dozen, postpaid; if ordered by express much larger plants can be sent.



Young's Hardy Phlox

## Peonies

### MOST POPULAR OF ALL HARDY PLANTS, AND GROWING IN FAVOR

First of all in the list of hardy flowers, we would put the Peony. It is as hardy as an oak, lives for years, and gets better with age. It needs no protection, will grow in any good soil, and has absolutely no diseases or insect enemies. A millionaire could have nothing finer, and no flower will do so well for the common gardener.

### PEONIES IN DISTINCT COLORS

We have an elegant collection of Peonies in the most distinct and choice colors, and we offer you them in White, Pink and Crimson Shades, all Double Varieties, at the following prices:

	CHOICE MIXED	
	Each	Doz.
White, Mixed.....	\$0 25	\$2 50
Pink, Mixed.....	25	2 50
Red, Mixed.....	25	2 50

**PEONY PRICES** include delivery by mail, postpaid, but if ordered by express or freight, purchaser to pay transportation charges, much larger plants will be sent for the same money.

## Daisy

Every garden, however small, should have a few plants of the Daisy. They are among the first flowers of spring, blooming almost as soon as the snow is gone. Plant in a cool shady place, if possible. In severe winters they need a slight protection of straw or leaves.

Three varieties: Double White, Double Red, and Longfellow. Price, 10c each, 75c per dozen.

## Myrtle

Grows close to the ground. Invaluable for carpeting the ground in shady places. Largely used for covering graves, for which purpose no plant is so well adapted. Price, 10c each; \$1.00 per dozen.



White Peony

☞ Want to thank you for being so nice in making my order of Phlox good. It certainly shows what a straightforward business you are doing and I shall remember it in the future and tell other people. Thanking you again, very respectfully, Mrs. J. N. Ward.



## A selection of the best **HARDY FLOWERING SHRUBS** for the home grounds

We have carefully selected the list of shrubs to which we invite special attention. They are all three to four years old, transplanted, and range in size from 2 to 3½ feet in height; well branched, the stronger growing varieties being somewhat taller.

### Double Altheas

**Pink Beauty.** Blooms in mid-summer. Has immense pink flowers.

**Rubra.** The red type. A very prolific bloomer.

**Pupurea.** Double lavender-purple flowers. Splendid.

**Jeanne d'Arc.** The best double white althea. Blooms freely and busily in growth. 35c each, 3 for \$1.00. By express only.

### Single Altheas

**Superba.** A very pretty pink Rose of Sharon.

**Purple Queen.** Highly ornamental. Medium height.

**Grandiflora.** Large, crimson flowers; good habits.

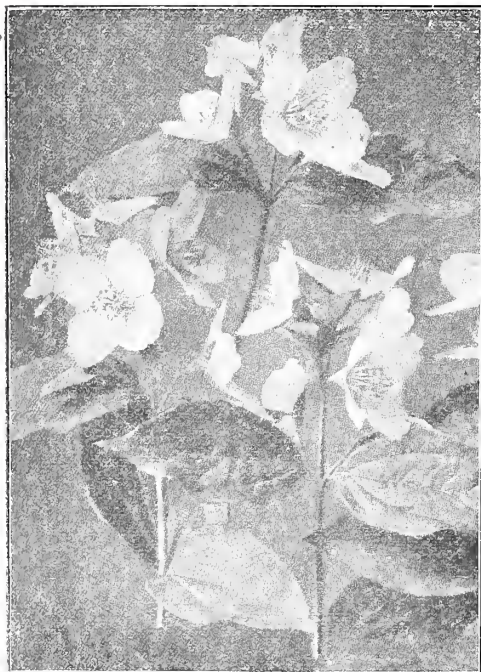
**Totus Alba.** A dwarf growing white with abundance of flowers. 35c each, 3 for \$1.00. By express only.

### Calycanthus

The deep purple-flowering allspice, or sweet-scented shrub; a very fine and popular plant. The buds are notably fragrant. Two to three feet high. 35c each, 3 for \$1.00.



Weigelia Rosea



Cornus or Flowering Dogwood

### Dogwood—Cornus

Shrubby Dogwoods are valued for their bright bark and flowers. If cut back to the ground every spring, the young shoots will spring up brighter and more abundant.

**RED OSIER.** (*C. sanguinea*.)? June. Flowers greenish white, in flat clusters, followed by white berries. The bark is deep red and very attractive in winter. When planted with other shrubs, the winter effect is very striking.

**WILD RED OSIER.** (*C. stolonifera*.) A native species, with smooth, slender branches, usually red in winter.

**ELEGANTISSIMA.** The leaves are pale yellow, turning rosy red in autumn.

Your choice of above Dogwoods, 35c each, \$1.00 for 3.

### Deutzia

The flowers of the Deutzias are tassel-like and clustered into thick wreaths along their drooping branches in June. These shrubs are hardy, vigorous, adapted to all soils and are remarkable for grace, beauty, and prodigal bloom. The taller forms are valuable for specimens, the low ones for bordering, grouping or planting near the house.

**GRACILIS.** Blooms in May or June. One of the most useful of all low-growing shrubs. It forms a round, dense bush, and is covered with snowy white flowers of much beauty; good for shady places. 18 inches high, 35c each, \$1.00 for 3.

**PRIDE OF ROCHESTER.** A choice new sort that excels in vigor, size of flowers, length of panicles and freedom of bloom. The flowers are double, white, tinged outside with pink, and open a week earlier than those of other sorts. 4 feet high, 35c each, \$1.00 for 3.

### Mock Orange

SYRINGA, or PHILADELPEUS

A grand old favorite shrub. Should be in every yard. Covered with sweet-scented, white, bell-like flowers in June, resembling those of the campanula. Large bushes, 3 to 4 feet high, 35c each, \$1.00 for 3; extra-large bushes, 50c each, \$1.25 for 3.

### Golden Bell—Forsythia

Among the best of our very early spring-flowering shrubs; the flowers appear before the leaves; very brilliant and showy.

**FORTUNEI.** Leaves dark green; flowers bright yellow; early; of fine, upright growth.

**VIRIDISSIMA.** Very early; bloom yellow; dark green foliage. A handsome shrub; native of China.

**SUSPensa, WEeping GOLDen BELL.** A tall shrub of willow growth, the branches gracefully arching, covered with golden yellow bells in early spring.

Your choice, good plants, 35c each, \$1.00 for 3, by express at purchaser's expense.

### Weigelias

These shrubs bloom after the lilacs, in June and July. They make strong growth, erect when young, gradually spreading and drooping into most graceful shape with age. Their large flowers are of wide trumpet-shape, of all colors from white to red, and borne in clusters thickly all along their branches. (See cut.)

**WHITE-FLOWERING** (*W. candida*.) Blooms all summer, 3 to 4 feet high, 40c each, \$1.00 for 3.

**EVA RATHKE.** A charming new Weigelia. Flowers brilliant crimson, flowering all summer. This is the best of all Weigelias for freedom of blooming. Strong bushes, 2 to 3 feet high, 50c each, \$1.25 for 3.

**ROSEA.** A beautiful shrub, with rose-colored flowers in May and June. Strong bushes, 2 to 3 feet high, 40c each, \$1.00 for 3.



## Spiraeas

Everyone should plant these graceful shrubs. Of easiest culture; very desirable in collection: blooms early and throughout the summer months. Perfectly hardy. If you plant only one shrub this is the one to plant.

**SPIRAEA VAN HOUTTEI.** The grandest of all the white Spiraeas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Clusters of 20 to 30 white florets make up the raceme, and are set close along the drooping stems. (See cut.)

Price, one year-old plants, 25c each; 2-year-old, 50c each; 4 for \$1.50.

**ANTHONY WATERER.** (Perpetual-blooming Red Spiraea.) A fine, hardy perpetual-blooming shrub, very desirable for the lawn. Makes nice round bushes 3 ft. high and wide; beginning to bloom almost as soon as planted; rose red flowers in large, round clusters all over the bush. 1½ to 2 ft., 35c.

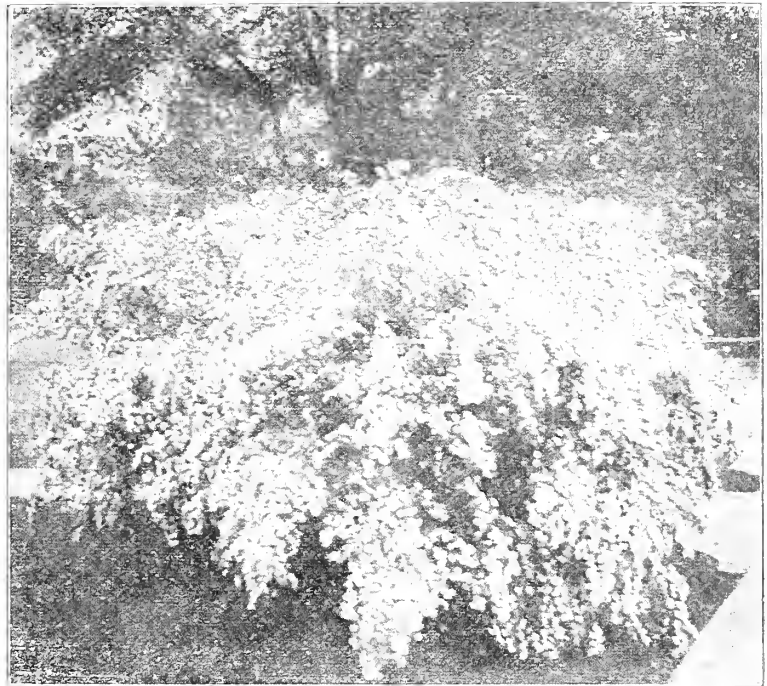
**BUMALDA.** A spreading low bush but 2 feet high; with dark leaves brightened by corymbs of pretty light pink flowers in May, and at intervals all summer. 2 ft. 35c each.

**COLLOSSA ALBA.** Of compact growth, with upright branches, crowded with large, flat clusters of white flowers nearly all summer. 1½ ft., bushy, 45c.

**PRUNIFOLIA.** Carries its clear, white double flowers in thick wreaths along leaflets, wand-like branches, giving a solid white effect in May. 2 to 3 ft., 35c.

**REEVESII, OR LANCEOLATA** Lance-leaved Spiraea. A charming shrub with narrow, pointed leaves, and large, round clusters of white flowers that cover the whole plant, and render it exceedingly effective. Blooms in June. 3 to 4 ft., 50c each.

**THUNBERGII.** One of the first shrubs to flower in the spring. Forms a perfect, well rounded bush, dwarf and compact. A perfect ball of white when in bloom. Price, 35c each, 3 for \$1.00.



SPIRAEA VAN HOUTTEI (Bridal Wreath)

## Hydrangea Paniculata Grandiflora

THE BEST AND MOST ORNAMENTAL OF  
ALL HARDY SHRUBS.

The Hydrangea Grandiflora is one of the best and most handsome hardy ornamental shrubs ever grown. It blooms finely the first year and gets better and grows larger with age; it grows three to four feet high. Is perfectly hardy in all parts of the country, needs no protection in winter; blooms in July and August, when other flowers are scarce, and remains in bloom two or three months. The flowers are pure white, afterwards changing to pink, and rich coppery red, and are borne in immense pyramidal trusses, more than a foot long and nearly as much in diameter; as shown in engraving, the plant is of bushy and compact growth and when laden with its great mass of bloom is exceedingly striking and attractive; it is deservedly popular and in great demand for lawn, park, and cemetery planting, wherever known.

**TREATMENT.** No special treatment is required; the Hydrangea will grow and thrive in all ordinary situations; the bush should be cut back every spring, at least one-half of last season's growth, dug around and well manured. The finest flowers are borne on the new or young wood, and are largest and best when the plant has made a strong vigorous growth.

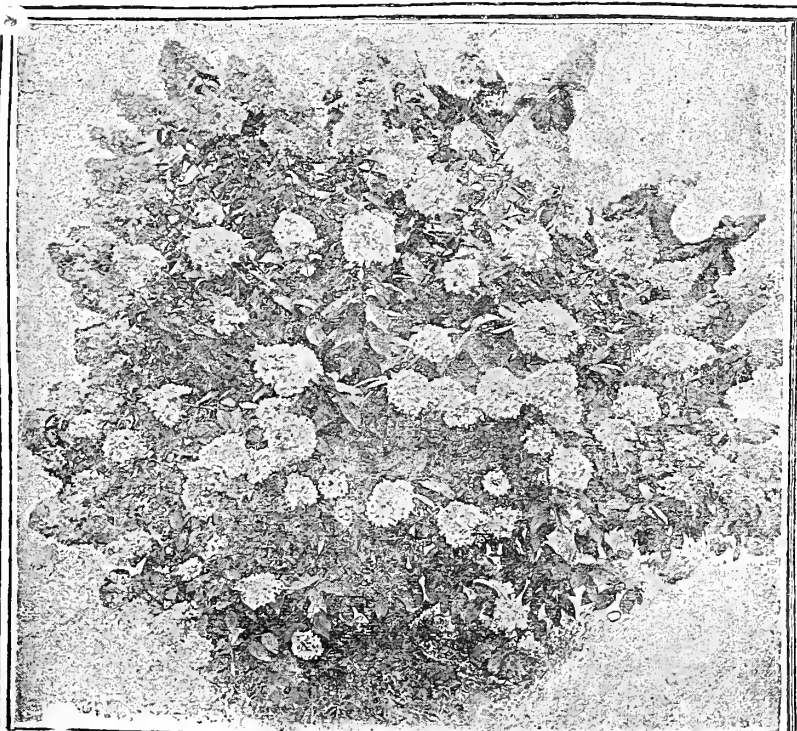
We offer the Hydrangea Grandiflora in two different sizes, as described below. They are strong, well matured plants, and will bloom all the first season. Price according to size.

**STRONG ONE YEAR PLANTS.** By mail or express, 35c; two for 50c; per dozen, \$2.50.

**STRONG TWO YEAR PLANTS.** Cut back, ready for planting, by express, 50c; three for \$1.25; per dozen, \$5.00.

## Tree-Shaped Hydrangeas

These are fine specimen plants, four and five years old, trained to tree shape, with about three feet of straight stem and nicely shaped heads. Should bloom profusely the first year. Before shipping they are all trimmed the proper length for planting so that they will make a better growth and larger flowers. By express or freight, 75c each; 3 for \$2.00.



Hydrangea Paniculata in Bloom



**LILACS**

**PERSIAN.** As the large, lavender-colored blossoms appear on this tall-growing bush, you realize why we say it is extremely beautiful.

**VULGARIS.** The common lilac, with its fragrant blossoms of lavender and white.

50c each, 3 for \$1.25; extra-large specimens, 75c ea

**SNOWBALLS**

**COMMON.** Too well-known for a lengthy description; large clusters of white blooms borne in great profusion.

**JAPANESE.** A free-blooming sort. This variety is one of the most valuable of our hardy shrubs. Blooms in June.

35c each, 3 for \$1; larger plants, 50c each, 3 for \$1.25.

**RHUS**

**TYPHINA LACINIATA** (Staghorn Sumach). A large shrub or tree, brilliant foliage and scarlet fruit in autumn. A very pretty effect among shrubbery collections. 50c each.

**SAMBUCUS AUREA**

**GOLDEN ELDER.** One of the best yellow foliage shrubs; the color is remarkably bright, rich and constant. 25c each.

**KERRIA Japonica.** (Japan Corcorus.) A handsome, green-leaved shrub, growing 4 to 5 feet. Graceful, slender, drooping branches, brightened with a profusion of rich dark yellow flowers throughout the summer. 35c ea.

**RHUS COTINUS (Purple Fringe, or Smoke Tree.)**

A common old shrub that is known under the name of "Purple Fringe," or "Smoke Tree," but rarely seen in perfection because of bad pruning. In good soil and allowed to develop naturally, it is exceedingly ornamental. 3 to 4 ft. 45c.



A Beautiful Specimen Lilac

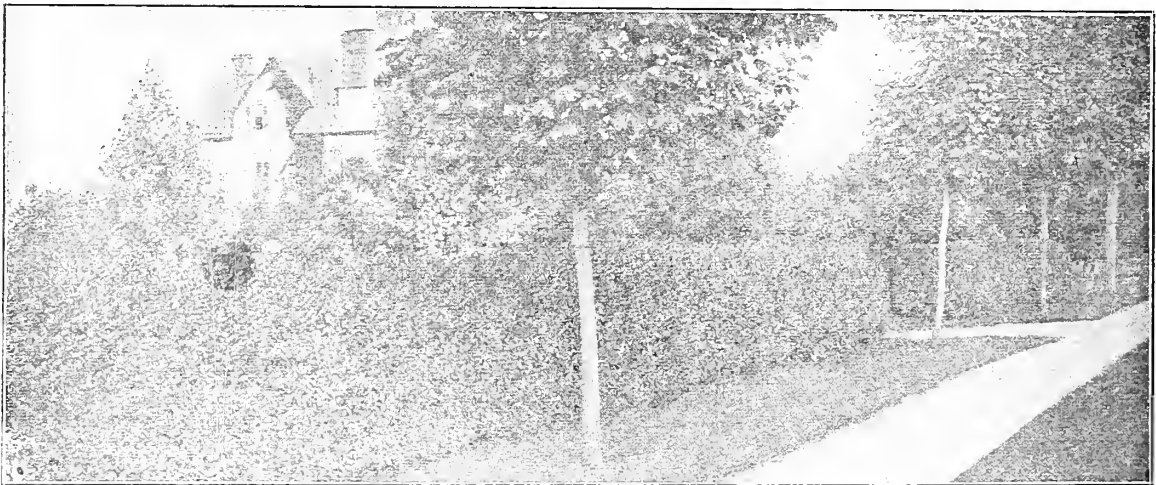
**MAGNOLIAS**

Their large showy white, pink and purple flowers cover the trees in early spring before the leaves appear.

**IMPORTED WITH ORIGINAL BALL OF EARTH**

Strong bushy trees 4 feet or more in height

**SOULANGEANA.** Flowers measuring 5 inches across are borne in May before the foliage makes its appearance. Color purple, touched with white. \$2.50 each.



Privet Hedge.

**HARDY SHRUBS FOR PLANTING HEDGES**

**BERBERIS THUNBERGII.** One of the most beautiful shrubs either for hedging or general purposes. It is of a neat, compact growth and never need be touched with the shears. The foliage is beautiful at all times, and in the fall turns to a most brilliant crimson color. The plant is literally covered with bright scarlet berries all the fall and winter. Strong 3-year old plants, 15 to 18 inches high. \$2.00 per doz.; \$15.00 per 100.

**SPIRAEA VAN HOUTTEI.** The grandest of all the Spireas, and one of the very best of all shrubs: a complete fountain of pure white bloom in May and June. Very popular for ornamental hedges.

2 to 3 feet—25c each; \$2.00 per 10; \$15.00 per 100.

3 to 4 feet—30c each; 2.50 per 10; 20.00 per 100.

**CALIFORNIA PRIVET FOR HEDGES.** The illustration herewith shows a section of a hedge of the famous California Privet. Of all the shrubs which have been tried for hedging, none can compare with this. Of easy growth and splendid foliage, free from insects. Its inexpensiveness alone would give it first place for the purpose. It is now planted by the million annually. Price, strong shrubs,

	Per 100	Per 1000
1-year-old, 18 to 24 inches high .....	\$3.00	\$25.00
2-year-old, 24 to 30 inches high.....	5.00	40.00
□ 2-year-old, 30 to 36 inches high .....	6.00	50.00



# YOU NEED OUR TREES TO INSURE SUCCESS

When you decide to beautify your home grounds. They add to the appearance of any yard. Absolutely indispensable. Our trees are extra fine specimens and must not be compared with trees grown only for height, thereby sacrificing the bushy and compact growth.



A Block of Our Sycamore Trees

**SYCAMORE.** A variety that will generally thrive when other varieties of trees fail. Price, \$1.50 each.

**SWEET GUM.** A handsome, hardy, rapid-growing tree; valuable either for street or lawn; 5 to 6 feet, \$1.50 each.

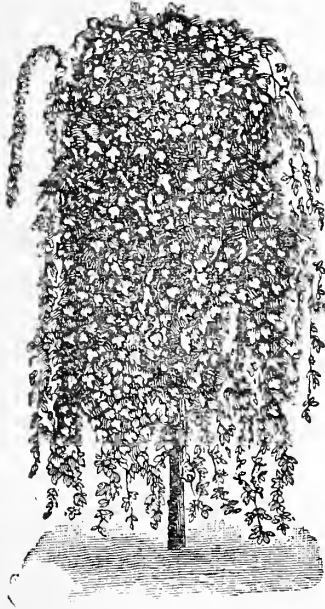
**SILVER MAPLE (Soft).** This variety is a very fast grower, producing shade in a short time.

Extra selected trees, 1½ to 2 inches in diameter and 12 to 14 feet high, \$1.50 to \$2.00 each; second size, 1 to 1¼ inches in diameter, \$1.25 each.

**WIER'S CUT-LEAVED WEEPING MAPLE.** A beautiful tree for lawn planting. We have some large specimens to offer. Each, \$1.00 to \$1.50.

## Ornamental Weeping Trees

**TEA'S WEEPING MULBERRY.** This most beautiful weeping tree of recent introduction, wholly unlike anything heretofore introduced. The slender branches grow downward, parallel with the stem, forming an umbrella-like shape. Trees 6 to 8 feet, with 3-year-old heads. Price each, \$2.50; 3 for \$7.00; 12 for \$25.00. (See cut.)



Weeping Mulberry

**KILMARNOCK WEEPING WILLOW.** Grafted five or six feet high. It forms, without any trimming, an exceedingly graceful tree, with glossy foliage and perfect umbrella head; unique in form. Vigorous and thriving in all soils. Two-year-old heads, \$1.00 each.

**CUT-LEAVED WEEPING BIRCH.** A tree of wonderful grace and beauty. The bark is silvery white, the leaves delicately cut. A favorite tree for lawn groups, specimens and cemetery planting. Five to seven feet, each, \$1.50.

**ROSE ACACIA (WEEPING LOCUST.)** Grafted 4 to 6 feet high. Bears beautiful pink flowers in clusters. \$1.50 each.

**WILLOW, GOLDEN BARK.** Branches and stem are bright golden yellow. \$1.00 to \$1.50 each.

**WILLOW, WISCONSIN.** The well known "Weeping Willow," very easy to grow, \$1.00 to \$1.50 each.

## Evergreen Trees

**ARBOR VITAE.** One of the finest evergreens for hedges and screens. It is very hardy and easily transplanted. Size, 36 to 40 inches high. \$1.00 each.

**JUNIPER, IRISH.** Erect and formal in habit; foliage deep green and very compact. \$1.00 each.

**NORWAY SPRUCE.** A lofty, elegant tree of perfect pyramidal habit, it is exceedingly picturesque and beautiful, and, as it grows older, very popular. Size 36 to 40 inches. \$1.00 each.

We shall be pleased to quote prices to any one desiring different sizes of stock in larger quantities than offered herein. In sending list, state definitely the number of each variety and size wanted.

These prices on Fruit Trees and Ornamental and Shade Trees are F. O. B. railroad station or express office at St. Louis, purchaser paying transportation from there. All St. Louis city orders we deliver free if the order amounts to \$5.00. No premiums allowed with trees, but we make no charge for packing.

## Shade Trees

**AMERICAN LINDEN.** A rapid grower, large size, beautiful native tree with large leaves and fragrant flowers. Seven to eight feet, \$1.25 each.

**ASH, EUROPEAN MOUNTAIN.** A tree of medium size, having pinnate leaves and bearing clusters of orange-colored berries, from midsummer until frost. Five to seven feet, \$1.25 each.

**CAROLINA POPLAR.** A rapid grower, with small leaves, easily pruned. Extra selected, straight trees, \$1.25 each.

**LOMBARDY POPLAR.** Grows erect and tall. Extra selected, straight trees, 10 to 12 feet high, \$1.25 each; 2 to 2½ inches in diameter, \$2.00 each.

**TULIP.** Large, stately tree; grows rapidly and bears a profusion of tulip-shaped yellow flowers; 5 to 6 feet, \$1.00 each.

**NORWAY MAPLE.** The foliage of this variety is of a darker green than the Silver Maple and much slower in growth; wood hard and not easily broken; trees well headed; 9 to 10 feet, 1 to 1¼ inch in diameter, \$1.50 each.



Catalpa Bungei

**CATALPA BUNGEI.** The illustration gives a better idea of what this wonderful tree is than any description we could give. Of Chinese origin. The tops are grafted on straight stems, forming a pretty dome-shaped head of great soft, heavy leaves. To get best effect plant along both sides of a driveway. 5 to 6 feet high.

Price, strong trees with two-year-old heads, \$2.00 each

CATALPAS ADD TASTE AND DISTINCTION TO ANY LAWN.



## Fruit Trees, Grape Vines, Small Fruits, Etc.

**Keep Your Table Well Supplied With Fruit From Your Own Trees and Vines.**

While our list is not so extensive as others, it consists of the very best varieties in both vines and trees. We have discontinued handling varieties which we know to be inferior to those we quote.

All our stock is inspected by the state inspector and we guarantee them to be free from all insects.

Only good, strong, vigorous stock is ever allowed to be shipped from our establishment.

### STRAWBERRIES

#### Choice New and Productive Varieties.

All the varieties listed herewith are "perfect" sorts and require no other kinds planted to make them produce fruit.

**Aroma.** Immense, bright red berries of splendid substance; good bearer. A variety that is in high favor with growers in the middle west.

**Bridgeton Beauty.** Originated in Missouri, and well adapted to this and surrounding states. Large-berried and very free-fruited; extremely early.

**Gandy.** A reliable late variety. Berries are bright crimson and very delicious. Try this one for your home use.

**Wm. Belt.** For table or market use this variety is exceptionally good. A mid-season giant berry of good crimson, firm, extra-good flavor, and a fruit that attracts the buyer who is looking for something above the average.

75c per doz., \$1.25 for 25, \$3.00 per 100. Remember, these are pot-grown and have extra-good, strong roots.



Strawberry Plant.

## GRAPES

We quote only the best for family use. Every one has been grown and tested for both fruiting and growing qualities, and found to be extra good. Every yard no matter how small should have some grape vines in it. They are very easily grown and well repay you for your labors.

**Agawam.** (Rogers' Hybrid No. 15.) Red or maroon. Bunch usually loose, shouldered; berries large; skin thick; flesh pulpy, meaty, juicy, of a rich, peculiar aromatic flavor; ripens about with Concord; a good keeper. Vine a strong, rank grower, hardy and productive; should be pruned, leaving long canes.

**Concord.** Black. Early. Decidedly the most popular grape in America, and deservedly so. Bunch large, shouldered, compact; berries large, covered with a rich bloom.

**Diamond.** The leading early white grape, ripening before Moore's Early. White, with rich yellow tinge; juicy, few seeds, almost free from pulp, excellent quality.

**Martha.** Bunches and berries of medium size; greenish white, with a thin bloom; flesh tender, with very little pulp; juicy, sweet and rich, hardy and productive. Ripens with Concord.

**Niagara.** The great white grape, perhaps the most valuable of its kind wherever introduced. Bunches large and compact; color, pale green at first, changing to pale yellow when ripe.

**Pocklington.** Bunch and berries large; when fully ripe a light, golden yellow; juicy, tender, sweet.

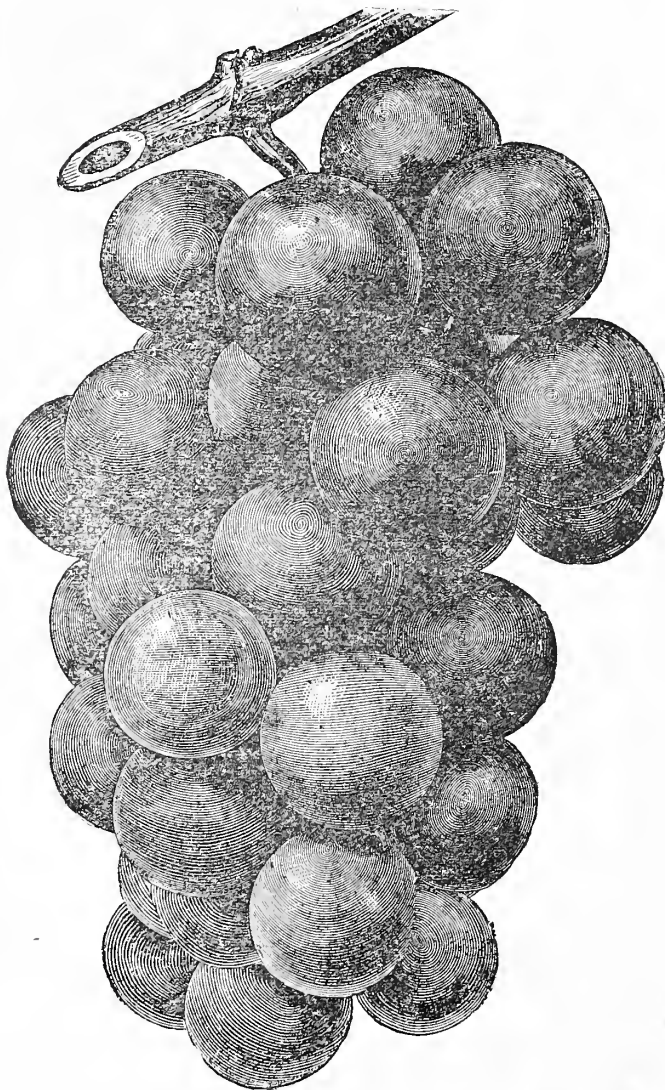
**Salem** (Rogers' No. 531.) Red; bunch and berry very large; healthy, hardy and vigorous, early; good keeper.

**Worden.** A splendid grape of the Concord type, larger, better quality and earlier. Vine vigorous; hardy and productive.

**PRICES OF ABOVE GRAPES:** Strong, selected two-year-old vines. 20c each, 3 for 50c, \$2.00 per dozen.

**SPECIAL PRICE ON CONCORD:** 15c each, 4 for 50c, \$1.50 dozen.

Charges prepaid on all small fruits at the single and dozen prices. Hundred and thousand lots, charges not prepaid.



The World's Best Grape—"Concord."



## Young's Small and Large Fruits

Every home place should have a few apple or cherry trees, berry plants and grape-vines. These require only a little attention, and this can come as a part of the ordinary garden work. You will be surprised at the amount of fruit you will get from a few trees or plants.

Our list, while not the largest in the country, contains varieties which we know will do well in this and surrounding states. Now don't put off ordering any longer, but do it now. A grape-arbor planted this year will give a good yield! next year. Our stock this year is extra good, and each package sent out bears the State Certificate of Inspection, guaranteeing it to be free from all insects and diseases.

### BLACK RASPBERRIES

**Gregg.** One of the leading black sorts. Very productive and in great demand.

**Cumberland.** The largest black sort known. In hardiness, size and productiveness it is seldom equaled. In many city markets it is considered the best variety. Does not have a hard core.

**Kansas.** Vigorous and hardy grower, about the size of Gregg, but more prolific and has very little bloom. A good keeper, making it desirable for marketing.

**Munger.** The dry weather does not affect this variety to any extent, which has caused it to be grown in sections where there is little rain. Fruit large and sweet, and firm enough to ship well.

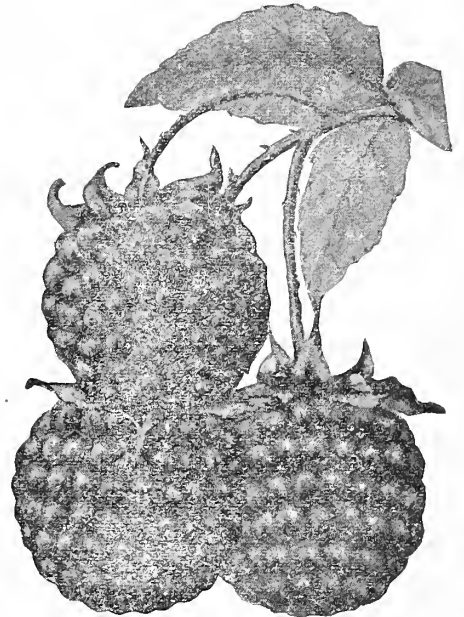
10c each, 75c per dozen, \$4.00 per 100.

### RED RASPBERRIES

**Columbian.** Large, purple fruit of firm substance. Very prolific and stands first as regards canning, preserving, etc. Plants are very hardy and bear a large amount of fruit.

**Cuthbert.** A remarkably strong variety, bearing large, crimson berries. Very hardy and medium late.

**King.** A new variety. Berries are firm and are produced early in abundance. 15c each, \$1.00 per dozen, \$4.50 per 100.



Red Raspberry—St. Regis

### New Continuous-Fruiting Red Raspberry ST. REGIS

Fruits from June to Frost

(If wanted by Parcel Post, add 10c per dozen)

**St. Regis.** Another season's trial confirms all that has been said for this variety. Fruit commences to ripen with the earliest and continues on young canes until October. Berries bright crimson, large size, rich, sugary, with full raspberry flavor. Flesh firm and meaty, a good shipper. Wonderfully prolific, the first or main crop equaling any red variety known. Canes stocky, of strong growth, with abundance of dark green feathery foliage. Price, strong transplanted plants, 20c each, \$2.00 per doz.

### SIX GOOD CURRANTS

**Black Victoria.** Bush strong and vigorous; very productive; large fruit.

**Cherry.** Sometimes more than ½ inch in diameter; bunches short; free-bearing.

**Fay's Prolific.** The best market variety. Extra-large stems; berries medium.

**Perfection.** Berries are large and produced in immense clusters.

**White Grape.** Very large; yellowish white; sweet and of excellent quality for the table.

**White Imperial.** Bush vigorous and very productive. A splendid variety to grow.

20c each, \$2.00 per dozen.

At single and dozen prices we prepay postage or express charges.



Currant—White Imperial

### GOOSEBERRIES

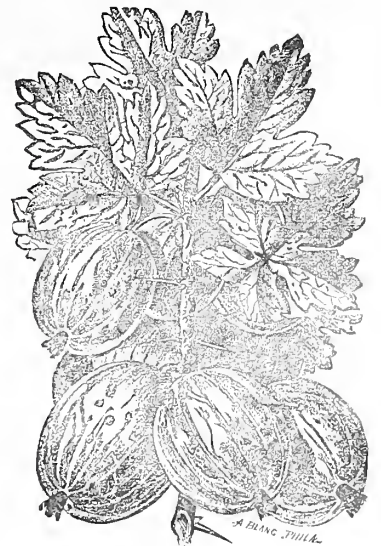
**Downing.** A large handsome fruit. Green when ripe.

**Houghton.** Wonderfully productive; a mass of medium sized berries.

**Red Jacket.** American origin. Very hardy and prolific.

15c each, \$1.50 per dozen.

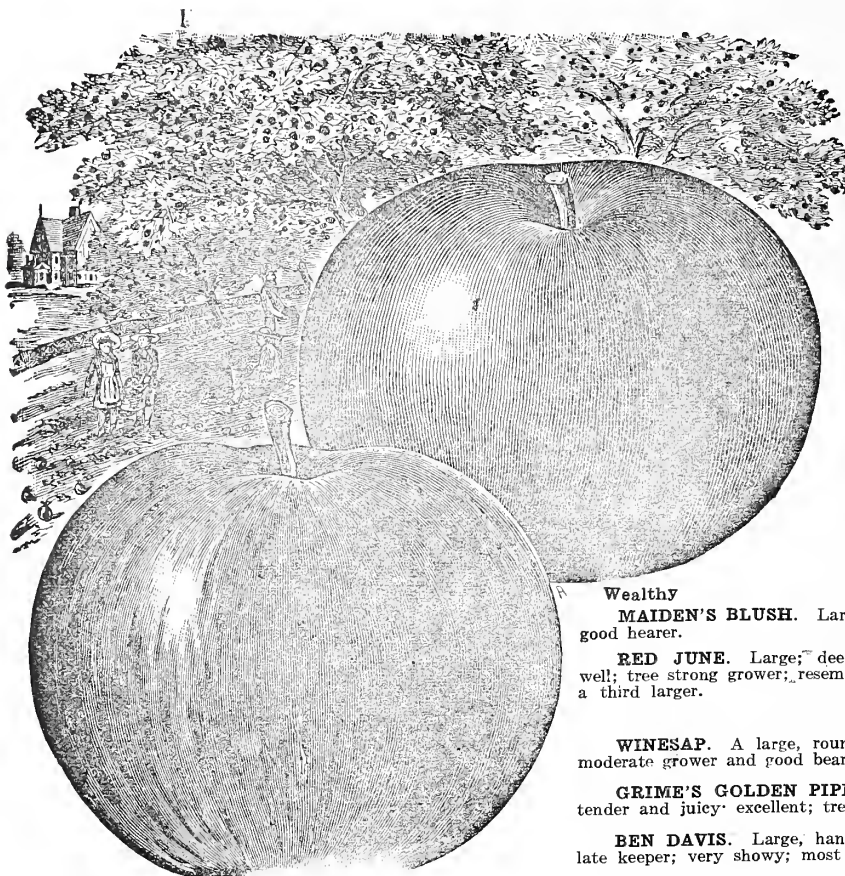
At the single and dozen prices we prepay mail or express charges.



Gooseberry Houghton



## FRUIT DEPARTMENT—Continued



Apple—Ben Davis

## Apples

## SELECTED VARIETIES

The Apple is the first fruit, both in importance and general culture. Its usefulness, unlike that of other fruits, extends nearly through the year. Our collection comprises about all the best and most popular kinds, and with a judicious selection, a constant succession of this indispensable fruit can be easily obtained for family use.

## SUMMER VARIETIES

**EARLY HARVEST.** Medium to large; pale yellow; tender, rich, subacid, fine flavor; a superb apple. Middle to end of August.

## AUTUMN VARIETIES

**MISSOURI PIPPIN.** Medium; dark, purplish crimson; striped; quality good; good grower; early and prolific bearer; highly esteemed throughout the Southwest.

**WEALTHY.** Medium, roundish; smooth, nearly covered with dark red; flesh white, fine, juicy, subacid; quality very good; good grower and productive; valuable on account of extreme hardness.

**WEALTHY MAIDEN'S BLUSH.** Large, flat; pale yellow with red cheek; very popular; good bearer.

**RED JUNE.** Large; deep red; sub acid; early and abundant bearer; keeps well; tree strong grower; resembles Winesap, but is superior in many ways, and fully a third larger.

## WINTER VARIETIES

**WINESAP.** A large, roundish, deep red, medium quality; keeps well. Tree a moderate grower and good bearer; largely planted for market in West and Southwest.

**GRIME'S GOLDEN PIPPIN.** Medium; golden yellow, with white dots; crisp, tender and juicy; excellent; tree vigorous, hardy and productive.

**BEN DAVIS.** Large, handsome, striped; good, hardy, vigorous and productive; late keeper; very showy; most profitable market variety.

**PRICE.** Select trees, 5 to 7 feet, 35c each; \$3.00 per dozen, \$20.00 per 100.

## Apricots

Apricots are best adapted for planting in city gardens, or where trees are protected by surrounding buildings. They are among the most delicious of fruits, and, therefore, a little extra care should be given in protecting the flowers from the late spring frosts.

**ROYAL.** Large yellow, with an orange cheek, rich and delicious. A very fine variety. August. Price, 50c each.

## Select Quinces

Price of Quince Trees: 50c each; 3 for \$1.25.

**APPLE OR ORANGE.** Large; roundish, with a short neck; of a bright golden yellow color. Tree has rather slender shoots and oval leaves; very productive. This is the variety most extensively cultivated for the fruit. Ripe in October.

## Pears

The pear is one of our most satisfactory fruits. The trees live long and bear regularly and abundantly. We do not offer a long list of varieties, but we include about all that our experience warrants us in recommending for general planting.

**BARTLETT.** Large size; color rich yellow, with often a beautiful blush next the sun buttry, very juicy and highly flavored. Bears early and abundantly. August and September.

**DUCHESS D'ANGOULEME.** Fruit of largest size, often weighing over a pound; very juicy, with rich, excellent flavor; vigorous, bears heavily and regularly; succeeds especially well as a dwarf. October and November.

**GARBER.** Resembles Keiffer very closely, but ripens earlier; a thrifty grower.

**FLEMISH BEAUTY.** Very large; pale yellow with reddish-brown cheek; sugary, rich, juicy, melting; vigorous; an enormous bearer; should be gathered and house-ripened. September.

**KEIFFER.** A vigorous grower, with healthy, dark green foliage and an early bearer; very productive; fruit large, golden yellow, with red cheek; fine for preserving, but must be thoroughly ripened for eating. October.

**KOONCE.** Medium; yellow, with bright red cheek; very handsome; tree upright and vigorous; bears well; is profitable on account of earliness. August.

**SECKEL.** A most delicious little pear, unsurpassed in flavor, small yellowish-brown, with red cheek; rich, spicy, sweet. September.

Trees 5 to 7 feet, 50c each; \$5.00 per dozen; by express or freight.

The prices on all trees include packing, but the purchaser is to pay the express or freight charges. Not less than six trees at the dozen price.

## Crab Apples

We call especial attention to our list of new and popular, well-known crab apples. On account of their extreme hardness and fine bearing qualities, they are a boon to many less favored sections. All are valuable for preserving, and many for table use.

**HYSLOP.** Dark crimson, with bloom; very showy and popular on account of its hardness.

**WHITNEY'S NO. 20.** Very large; green, striped and splashed with bright red; juicy and of a delightful flavor; a handsome and vigorous grower and perfectly hardy. Price, 5 to 7-foot trees, 40c each; 3 for \$1.00, by express.



Seckel Pear



## FRUIT TREE DEPARTMENT—Continued

## PLUM TREES

**GERMAN PRUNE.** Large, dark purple, good September.

**FRENCH DAMSON.** Extra for preserving; a vigorous grower and abundant bearer.

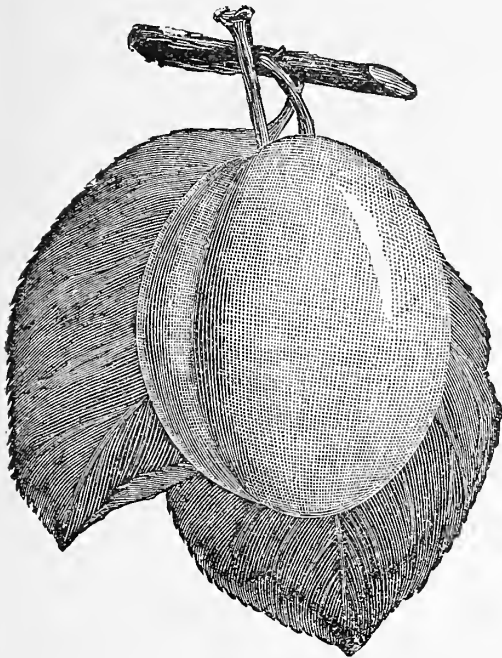
**LOMBARD.** Medium, violet red, juicy, good, hardy and productive, the leading market variety.

**RED JUNE.** A vigorous, hardy upright spreading tree, as productive as Abundance. Fruit medium to large, deep vermilion-red, with handsome bloom, very showy. Flesh light lemon-yellow.

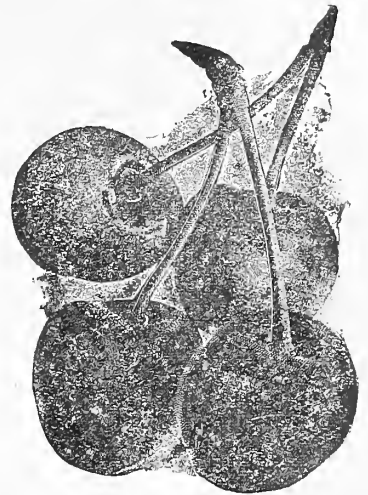
**WILD GOOSE.** Hardy, native, large, deep red, with purplish bloom. Flesh yellow, juicy and sweet. Rapid grower, early and abundant bearer. One of the best natives.

**NEWMAN.** Medium, violet red, juicy, good, hardy and productive, the leading market variety. August.

Trees 5 to 7 feet. 40c each; 3 for \$1.00, by express or freight.



Plum—Wild Goose



[Cherry—Montmorency Ordinaire

## Cherry Trees

The cherry everywhere requires a dry soil; they do best on our poorest and driest soil, and if planted in rich, black land, should be planted in the sod, and kept with low heads. Except in a few localities, the sweet varieties do not succeed well in the West.

**EARLY RICHMOND** (May of the West.) Medium red; early, hardy, immensely productive; worth nearly all others for the West; ripen June 15th here.

**DYEHOUSE.** A very early and sure bearer; fruit large; ripens a week before Early Richmond; very productive, color red.

**GOVERNOR WOOD.** Large, light red on yellow; excellent, rather hardy; last of June. Sweet.

**MONTMORENCY ORDINAIRE.** Large, red, acid, exceedingly productive. Last of June.

**BLACK HEART.** Fruit large, black, firm, of excellent quality; fine keeper and shipper.

Price, well branched trees, 50c each; 3 for \$1.25; \$5.00 per dozen, by express or freight.

## Ten Select Varieties of Peaches

All of our Peach Trees are propagated from buds taken from the best bearing trees. We, therefore, know our trees to be true to name, perfectly healthy, free from disease and first-class in every respect. We do not grow cheap and inferior Peach Trees.

Peach trees should be planted 16 to 18 feet apart. To secure healthy, vigorous and fruitful trees and fine fruit, the following points should be well attended to: (1) Keep the ground clean and mellow. (2) Keep the heads low, the trunk should not exceed three and one-half feet in height. (3) Give them an occasional dressing of wood ashes; soapuds are also good. (4) Prune every spring, shortening the shoots of the previous year's growth. This keeps the head round, full and well furnished with bearing wood. Cut weak shoots back about one-half and strong ones about one-third, but see that there is left a sufficient supply of fruit buds. Sickly and superfluous shoots should be cut out clean. The fruit is borne on wood of last season's growth, hence the necessity of keeping up a good supply of vigorous annual shoots all over the tree. Young trees should be well mulched every spring.

**ELBERTA.** An exceedingly large, high-colored yellow peach; a cross between Crawford's and Chinese Cling; juicy, well flavored; one of the finest yellow freestone peaches in existence. Ripens in August.

**HEATH CLING.** Very large, flesh white, juicy and melting. Good keeper and shipper.

**STUMP OF THE WORLD.** Red and white, handsome, good size and fair quality. Very productive. End of September.

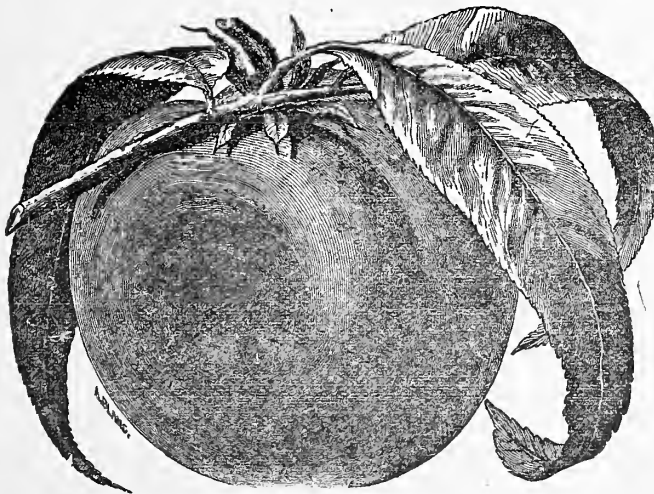
**TRIUMPH.** Large, yellow, nearly covered with red; flesh bright yellow, free when fully ripe, and of excellent flavor. Ripens in August.

**CARPENTER CLING.** Fruit of the largest size, heart-shaped, skin yellow and amber, with bright red blush. Flesh very firm and juicy, with a delicious flavor.

**CARMAN.** Large, resembles the Elberta in shape; color, creamy white or pale yellow with deep blush; skin very tough, flesh tender, fine flavor and quite juicy.

**GOLD DUST.** Very large; yellow, with a red cheek; flesh yellow, buttery, rich, sweet, and of the highest flavor. Maturity from end of August to middle of September.

**PRICE OF TREES.** 5 feet and up, extra heavy, each 25c; per 10, \$2.00; per 100, \$15.00.



Peach—Crawford's Early

**CRAWFORD'S EARLY.** A magnificent American sort; very large. Yellow, with red cheek; productive and extremely popular for market, Middle of August.

**CRAWFORD'S LATE.** Superb; yellow and red. Like preceding but two weeks later.

**CHAMPION.** Very large; handsome, creamy white, with red cheek; sweet, rich, juicy; freestone. Hardy and productive. Middle of July.

**GREENBORO.** The largest and most beautifully colored of all the early varieties. Double the size of Alexander, ripening at the same time. Flesh white, juicy and good. July.

SPECIAL PRICES ON ANY OF THE ABOVE IN LARGER QUANTITIES ON APPLICATION



# Garden Requisites and Useful Articles

## TREE AND PLANT TUBS.

Painted Green.

Made of Louisiana white pine, with extra iron hoops, drop handles and iron legs.

No. 1—12-inch diameter.....	\$1.25
No. 2—14-inch diameter.....	1.50
No. 3—16-inch diameter.....	2.25
No. 4—18-inch diameter.....	3.00



Tree and Plant Tub

## FLOWER POTS (Standard Sizes.)

Beautiful red Pots, having strong rims that prevent breaking when in use or nested. The concave bottom and large hole in our pots insure perfect drainage and a healthy plant. No charge for packing. They must be sent by freight at purchaser's expense.

	Per Dozen	Per 100		Per Dozen	Per 100
2-in. Pots.....	\$0.15	\$0.70	4-in. Pots.....	\$0.35	\$1.50
3-in. Pots.....	.20	1.00	5-in. Pots.....	.45	2.50
			6-in. Pots.....	.60	4.00

## EARTHEN SAUCERS FOR FLOWER POTS.



	Dozen.	Dozen.
4-in.....	\$0.20	\$0.60
5-in.....	.25	1.00
6-in.....	.30	1.25
7-in.....	.50	

## LABELS.

	Per 100	1000		Per 100	1000
4-in. pot labels ..	\$0.15	\$0.75	12-in. pot labels ..	\$0.40	\$3.50
6-in. pot labels ..	.20	1.00	3½-in. notched tree labels, iron wired ..	.20	1.25

**CANE PLANT STAKES**—From 6 to 8 feet in length; can be cut to any desired size. Per 100, \$1.00.

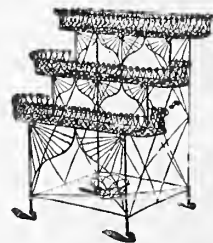
## FOLDING WIRE PLANT STAND.

They are very strong and steady, and are handsomely finished in green enamel and gold. The prices include crating for shipment.

One Tray—No. 22, size 10x24; price, each.....\$1.50

Two Trays—No. 20, size 7½x30; price, each.....2.75

Three Trays—No. 20; size 7½x30; price, each.....3.75



Wire Folding Plant Stand, Three Trays



## SCOLLAY'S RUBBER SPRINKLERS

Indispensable for floral work and window gardening. 75c and \$1.00 each, according to size.

## PLANT STAKES, Long, Tapering, Painted Green.

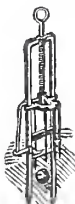
	Per doz.	Per 100		Per doz.	Per 100
1½-feet.....	\$0.15	\$0.90	5-feet.....	\$0.75	\$5.00
2 -feet.....	.25	1.55	5-feet, heavy.....	1.00	6.50
3 -feet.....	.45	2.95	6-feet.....	1.50	8.00
4 -feet.....	.65	4.30			

## PAPER FLOWER POTS

Unbreakable, light, economical. They last at least on season and their cost is trifling. They nest closely for shipping.

Prices

	Doz.	100
2½-inch.....	\$0.06	\$0.30
3 -inch.....	.08	.50
3½-inch.....	.10	.60
4 -inch.....	.15	.80
5 -inch.....	.20	1.25
6 -inch.....	.25	1.60



Mole Trap.

## MOLE TRAP

Operated either by spring or weight, or both (see cut), \$1.50

## "NEVER BREAK" RAKE

12 teeth.....	\$ .50
14 teeth.....	.70

## GRASS HOOKS—(Sickles)

Riveted back, each.....\$ .50

## WATER'S TREE PRUNERS

The best pruner on the market; cuts limbs to ¾-inch in diameter.

8 ft.....	\$1.00
10 ft.....	1.15
12 ft.....	1.25

## SHEARS

Hedge, 8-inch with notch, \$1.40; 9-inch, 1.65.

Grass or border, steel, each, 35c.

Lee's Pruning, 7-inch, 83c; 8-inch, \$1.10; 9-inch, \$1.30.

## TROWELS

Postage extra, 5c each.

6-inch, ordinary.....	\$ .15
7-inch, solid steel.....	.50

## RAFFIA

For tying plants, 25c per lb.; 5 lbs. \$1.00; 10 lbs. \$1.75.

# BEST BOOKS ON FARMING

Every year we receive numerous requests from our customers for information regarding the best books on farming. This year we have selected a list of the most practical, the most up-to-date books and written by eminent authors. Our customers who desire reliable information on any of the following subjects will find these books very helpful, absolutely reliable and full of suggestions that will prove money makers on the farm. Books can be included with other goods or mailed postpaid at the prices named.

**Vegetable Gardening**, by S. B. Green. The most authentic manual on the growing of vegetables for home use and the market. Used everywhere, liked by everybody. 256 pages, 50c.

**Cabbages, Cauliflower and Allied Vegetables**, by C. L. Allen. 128 pages, 50c.

**Asparagus**, by F. M. Hexamer. How to plant, cultivate, harvest, market and preserve asparagus. 174 pages, 50c.

**The New Rhubarb Culture**, by J. E. Morse. A complete guide to dark forcing and field culture. 130 pages, 50c.

**Celery Culture**, by W. R. Beattie. A standard reference giving a clear conception of the salary side of celery culture. 150 pages, 50c.

**Tomato Culture**, by W. W. Tracy. How to grow tomatoes in the home garden, hot bed, green house and on large areas for commercial purposes. 150 pages, 50c.

**Amateur Fruit Growing**, by S. B. Green. A splendid handbook for beginners, explaining the whys and wherefores of successful fruit growing. 134 pages, 25c.

**How to Plan the Home Grounds**, by S. Parsons. \$1.00.

**Lawns and How to Grow Them**, by L. L. Barron. 174 pages, \$1.10.

**Roses and How to Grow Them**, 149 pages, \$1.10.

**Ferns and How to Grow Them**, by G. A. Woolson. \$1.10.

**House Plants and How to Grow Them**, by P. T. Barnes. \$1.10.

**Peony Manual**, by C. S. Harrison. Culture of Peonies for pleasure and profit, 25c.

**Iris Manual**, by C. S. Harrison. Culture of the Iris for pleasure and profit, 25c.

**Phlox Manual**, by C. S. Harrison. Culture of the Phlox for pleasure and profit, 25c.

**Insects and Insecticides**, by Clarence Weed.

**Poultry Manual**. Describing breeds of poultry, including turkeys, ducks and geese, giving the peculiarities of color, habits and requirements of each. 148 pages, 25c.

**Poultry Houses, Coops and Equipment**, by H. A. Nourse. A collection of plans that have proven successful. 25c.

**Chicks, Hatching and Rearing**. Dependable instruction in incubating, brooding, feeding, housing and developing layers. 25c.

**Egg Money and How to Increase It**. Profitable production of eggs on the city lot, village acre and the farm. 25c.

**Turkeys, Ducks and Geese**. A book on the breeding, hatching, rearing, fattening, developing, showing and selling for profit. 50c.

**Simple Poultry Remedies**. Describing the leading diseases of poultry and tells how they may be prevented and cured by simple methods. 25c.



# These are the Sprayers that Get Results

BUY THE "KANT-KLOG" SPRAYER.

COSTS MORE.

WORTH MORE.



KANT-KLOG  
SPRAYER

## Its Big Features Described and Explained

The Nozzle .

The only nozzle that can be cleaned without stopping the spray; a round or flat spray at your command; solid brass. A pressure of the thumb starts the spray. Remove it, and the spray stops instantly.

The Tank .

The tank is made of heavy galvanized steel, top and bottom dome-shaped and joined to the body under heavy pressure, making complete double seam. The brass model tank is of solid brass.

The Air Pump

Made of heavy brass; a few strokes give you a powerful and elastic force, which will give you the best continuous spray. Diameter 2 inches, easily worked; hose couplings of solid brass, ends heavily ribbed to prevent coming off.

This Pump is the simplest Pump on the market and the best. It holds four to five gallons of solution, and can easily be carried on the shoulder by strap or wheeled in a cart. Suitable for using all liquid solutions, whitewash, etc.

These Sprayers are shipped on approval to responsible persons, and if not all we claim for it, send it back at our expense and get your money.

Galvanized Steel, \$5.00; Solid Polished Brass, \$6.50.

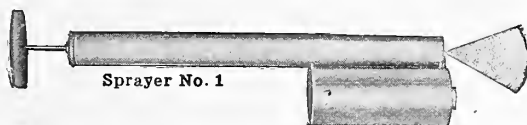


Junior Spray  
Pump, No. 5

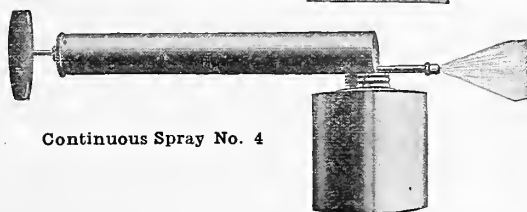
## Two Excellent Low-priced Sprayers.

**No. 1.**—A well-jointed tin pump barrel, 1½ inches in diameter. The liquid tanks are of tin and have a capacity of one quart, 50c.

**No. 4.**—This New Atomizer differs from the old styles in that the spray is continuous. The old styles spray only when plunger is pushed in. The new style continues to spray while plunger is being pulled back. Capacity one quart; barrel 1¾ inches in diameter. 75c.



Sprayer No. 1



Continuous Spray No. 4

## The "Junior" Spray Pump, No. 5

Requires no fastening of any sort. An all-brass Pump. All that is necessary to do is to push the plunger down, the machine does the rest. New spring device. All brass valves, doing away with leather or rubber packing. Weight about four pounds. A mighty handy Pump and is ready for use anywhere at almost any time. \$3.50.

# INSECTICIDES AND GERMICIDES

**Arsenate of Lead.** The most effective of all insecticides for spraying purposes. Especially adapted for use on tender plants and foliage. This can be successfully used to suppress leaf-eating insects. **Arsenate of Lead** is more sticky in character than any other insecticide, and for this reason is sometimes used where it is desirable that the poison should remain longer on the foliage. Then again, it is particularly good for extremely delicate foliage as it positively will not burn. Use in proportions of 2 to 3 pounds Arsenate of Lead to 50 gallons of water, or two to four pounds of Lead to 100 gallons water if a weaker solution is desired. You can judge best of the strength to be used by your local conditions and uses. Price, 1-lb. glass jars, 25c; 5 lbs. in stone jars for \$1.00.

**S-W Lime-Sulphur Solution.** This is a combination of lime and sulphur in liquid form, heavily diluted with water, it produces excellent results as a fungicide, and when reduced 1 to 8 or 9, is exceptionally effective in eradicating San Jose and other scale insects. It is practically free from sediment, eliminating waste and promotes a vigorous growth of foliage and fruit. 25c quart; 75c gallon.

**HAMMOND'S SLUG-SHOT.** A light, composite, fine powder, easily distributed by duster, bellows, or in water by spraying. Thoroughly reliable for killing currant worms, potato bugs, cabbage worms, lice, slugs, etc., and also strongly impregnated with fungicides. Cheapest and most effective remedy. Needed in every garden in America, during the growing time, to kill bugs and save foliage. We sell large quantities of Slug-Shot every year, and know it gives satisfaction to our customers. 1-lb. carton with perforated top, 15c; 5 and 10-lb. bags, 6c per lb.; 25 to 50 lbs. at 5c. Postage extra at parcel-post rates. "Bugs and Blights," an illustrated 24-page book, free.

**BORDEAUX MIXTURE.** Ready for use by simply adding water and stirring. 6 to 12 lbs. will make 50 gallons liquid. Can be used just as needed. Every potato-grower realizes the importance of spraying for blight with Bordeaux Mixture. 1 lb. 25c; 5 lbs. \$1.00.

**SULPHO-TOBACCO SOAP.** A wonderful insect pest exterminator. Unsurpassed for quickly exterminating all insect life on plants and flowers in and out of doors. Excellent for rose hedges, shrubs, plants, etc. Use

one ounce of soap to one-half gallon of water, and spray on plants. 3-oz cake, 10c; postpaid, 13c; 8-oz. cake 20c, postpaid, 23c; Free with order for Sulpho-Tobacco Soap we will, if asked for, enclose a booklet, "The Window Garden," by Ehen E. Rexford, giving valuable information on the cultivation of plants and the extermination of insects.

**HELLEBORE POWDER, WHITE.** We furnish a pure, fresh, very effective powder. One of the best insecticides for rose slugs, currant worms, green fly, and other insects. ½-lb. pkg., 15c; lb. pkg., 25c.

**PARIS GREEN.** A poisonous insecticide in powder form, for insects which chew. When applied as a powder, use one part Paris Green to 100 parts of plaster or flour. As a liquid, one pound Paris Green in 150 to 300 gallons water, if used on fruit trees, add one pound quicklime. ½-lb. 15c; lb. 25c; 5 lbs. \$1.10.

**YOUNG'S INSECT DESTROYER.** We give this insecticide our fullest endorsement. It has now been on the market seven years, and the sale is rapidly increasing. It is a non-poisonous powder, and can be applied dry just as it came from the package, or it can be mixed with water and sprayed on vines with any of the sprayers on the market. Directions with every package. ¼-lb. pkg. 25c.

**FLOWERS OF SULPHUR.** Prevents and cures mildew on roses, grape vines, etc. Apply with gun or bellows. Lb. 10c; 5 lbs. 40c; 10 lbs. 70c.

**TOBACCO DUST.** A remedy for green fly. 10c per lb., 12 lbs \$1.00, 50 lbs. or over 5c per lb.

**NIKOTEEN.** All private gardeners recommend this liquid for spraying or vaporizing. Will destroy all insects which infest plants or flowers. It is composed of that element in tobacco which gives it its value as an insecticide and nothing else. Pt. pkg. \$1.50.

**HAMMOND'S GRAPE DUST.** Kills mildew on chrysanthemums, roses, violets, grapes, gooseberries, etc. It also kills the green and black fly. It is a readily diffusible, light-weight powder fungicide, very efficient in destroying mildews and in preventing blights; also for destroying the aphids and black fly. 5-lb. pkg. 35c.





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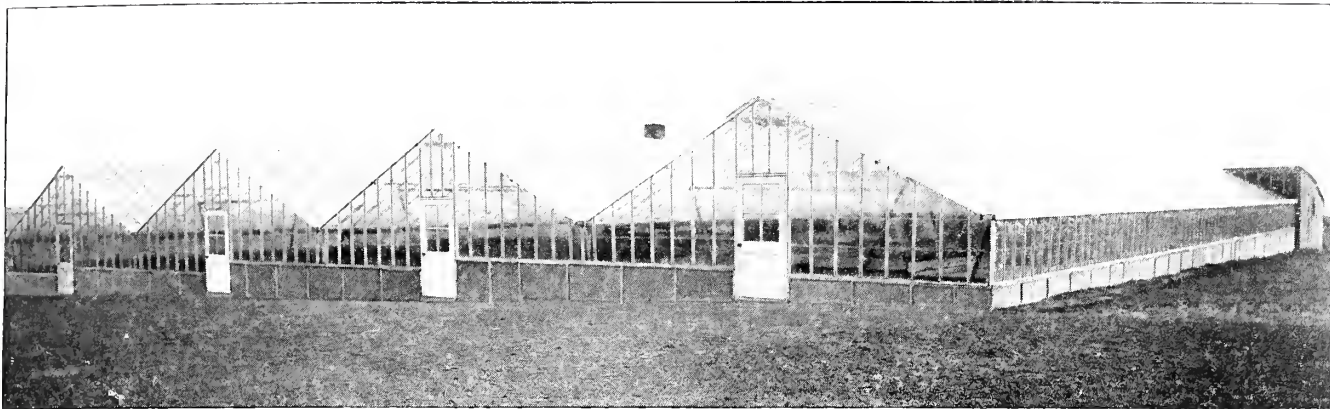
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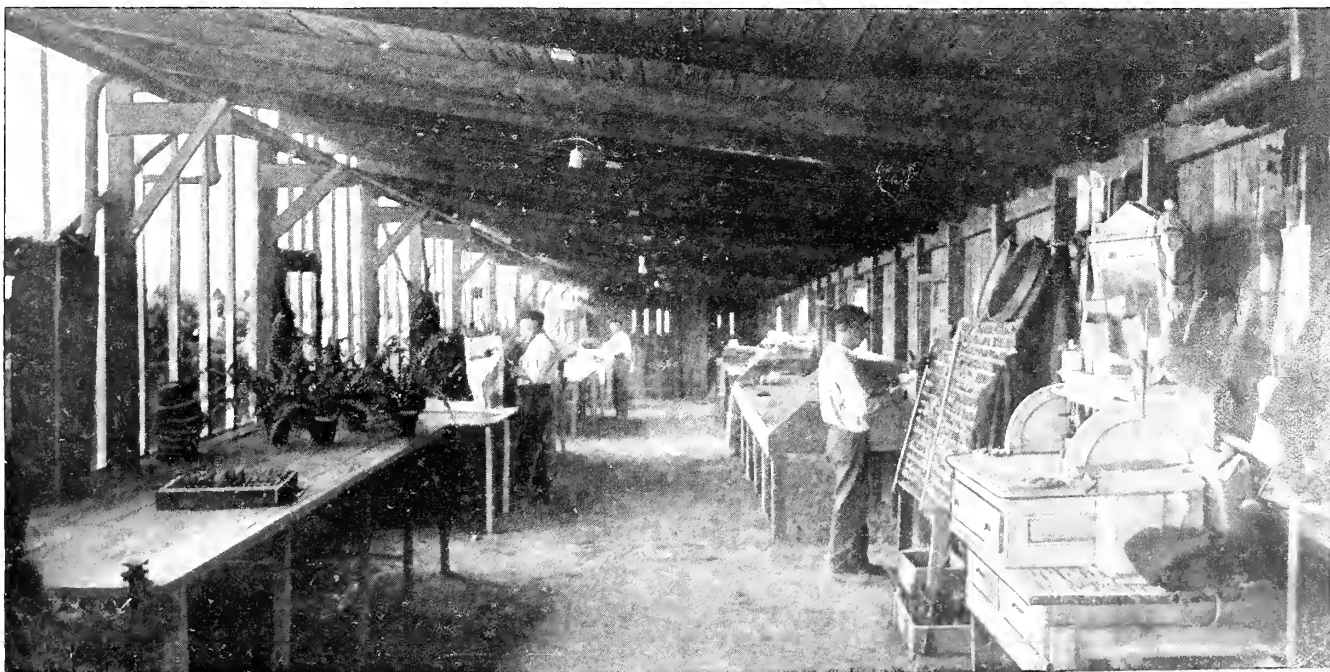
A part of our Greenhouses at Olive and Price Roads. These houses are 25 feet wide and 100 feet long, of concrete and steel-frame construction



A view in our Cut-Flower and Plant Department



The Retail Seed Department in our main store



A well-lighted Packing-House, 125 feet long, where your orders for plants and shrubs are prepared for shipment



# NEW DWARF NASTURTIUMS



## *Giant-Flowering*

**T**HESE grand bedding Nasturtiums are brilliant in the extreme. They produce large flowers of the most gorgeous hues in wonderful abundance. They begin to flower early in the summer, and are a mass of bloom until killed by the frost.

No other flowers make such gorgeous bouquets, and they will last for several days after cutting. Cut the flowers every day, and the number and size of the blooms will astonish you.

The plants are strong and vigorous, growing very quickly, seldom get over a foot in height, and produce erect bushes, which are literally smothered with showy blossoms. The foliage is mostly dark green, but ranges on the different plants from light green to deep blue-green.

The plants will grow anywhere; even in poor soil you will have as many of the striking and showy flowers as when the seed is sown in good soil, but the plants will not be so large.

This collection of eight varieties (listed on page 31) is made up from the best named varieties, each sort in a separate packet. We will send the complete collection of the eight varieties, one packet of each, postpaid, for 25 cents.



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